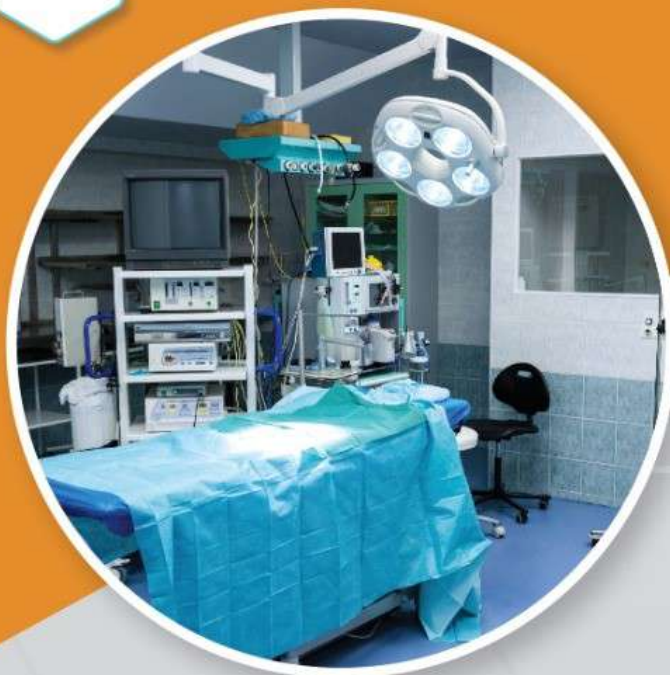




Seven Eleven Enterprises

Supplier...Installer

An ISO 9001:2015



YOUR
PARTNER IN
HEALTHCARE



Seven Eleven Enterprises

Supplier.....Installer

Modular Operation Theater, Medical Gas Pipeline System, Hospital MEP, O2 Plant, Pneumatic Tube System etc.

GSTIN: - 09DVRPP2600E1ZH

COMPANY PROFILE

We M/S Seven Eleven Enterprises Hereby Introduced Ourselves As The Turnkey Project Work Contractor With Team Of More Than 20 Years Of Experience And Since Last 7 Years For SITC Work Related To Modular Operation Theatres As Per NABH Guidelines And Options Of EGP, Stainless Steel & Solid Mineral Surface According To The Requirements Of The End User Or Specifications, Medical Gas Pipeline System As Per HTM, NFPA, BS-EN And ISO In Hospitals And Medical Colleges And HVAC System With VRF, VRV, Ductables And Chillers For Any Commercial Building With Requirement Of Turnkey HVAC Systems, And Apart From These Services We Are Also Have Experienced And Technical Team For O2 Plant Work, MEP Services And Pneumatic Tube Systems For Healthcare Industry. MICU, PICU, IVF Ots, IVF Labs, Positive and Negative Pressure Labs, BSL Labs etc. Wall Vinyl and PVC Flooring Interior Work Is Also Our Specialization Work.

We Are Having All the Required Certifications I.E ISO 9001: 2015, CE Certifications, MSME and Udyam Certificates Along with Registration with Central and State Govt. Departments for SITC of MOT, MGPS, HVAC, PTS and MEP Work.

1. Medical Gas Pipeline Systems

Tecno Med Medikal Turkey

Exclusive Channel Partner for India, Nepal, Bhutan, Sri Lanka & Bangladesh



Also Deals with Silbermann Medical Gas System-Isreal



2. Hanter Sweden for Pneumatic Tube System



3. Ondal GmbH for Boom Arm Systems/Pendants



4. Dr. Mach GmbH for OT Lights and Cameras



An ISO 9001:2015

A Product of
HEALTHCARE

Office: -A-303, 3rd Floor, Rajhans Plaza, Ahinsa Khand-1, Indirapuram, Ghaziabad, (UP)-201014
Regd. Office: -B-401, Rajhans Apts., Opp. Aditya Mall, Ahinsa Khand-1, Indirapuram, Ghaziabad. (UP)-201014
Tel.:-+91-9540031900,9540577711.E-Mail:-sevenelevenenter711@gmail.com



Seven Eleven Enterprises

Supplier.....Installer

Modular Operation Theater, Medical Gas Pipeline System, Hospital MEP, O2 Plant, Pneumatic Tube System etc.

GSTIN: - 09DVRPP2600E1ZH

5. HVAC Products

Authorize Channel Partner with Carrier



We also deal in Daikin



6. Nexus Power System for UPS Systems



Our ISO & CE Certificates



An ISO 9001:2015

A Product of **HEALTHCARE**

Office: -A-303, 3rd Floor, Rajhans Plaza, Ahinsa Khand-1, Indrapuram, Ghaziabad, (UP)-201014
Regd. Office: -B-401, Rajhans Apts., Opp. Aditya Mall, Ahinsa Khand-1, Indrapuram, Ghaziabad. (UP)-201014
Tel:--+91-9540031900,9540577711.E-Mail:-sevenelevenenter711@gmail.com



Seven Eleven Enterprises

Supplier.....Installer

Modular Operation Theater, Medical Gas Pipeline System, Hospital MEP,
O2 Plant, Pneumatic Tube System etc.

GSTIN: - 09DVRPP2600E1ZH

Our Prestigious Clients as Under

- ④ Maharishi Markandeshwar University Trust, Mullana, Solan & Sadopur
- ④ SGRD Medical University Trust, Sri Amritsar
- ④ Uttar Pradesh University of Medical Sciences, Saifai, Etawah
- ④ Uttar Pradesh Rajkiya Nirman Nigam Ltd.
- ④ Sri Shankracharya Institute of Medical Sciences, Bhilai, Chattisgarh
- ④ Abhishek I Mishra Hospital, Bhilai, Chhattisgarh
- ④ IGMC, Shimla
- ④ Covid Hospital, Mandi
- ④ Covid Hospital, Tanda HP
- ④ DDU Hospital, Shimla HP
- ④ MGPS in Distt Hospital Chatra & Community Centre Tandwa, Jharkhand
- ④ MGPS in Community Centre Khoontpani, Distt. Chaibasa, Jharkhand
- ④ MGPS in RIMS, Ranchi, Jharkhand
- ④ Covid Hospital, Jharkhand
- ④ Sri Gurudwara Prabandhak Committee, Sri Amritsar
- ④ SGT University, Badli, Gurugram, Haryana
- ④ Fortis Hospital, Mohali, Punjab
- ④ Monsoon Saloon, Sri Amritsar
and many more ongoing...

For Seven Eleven Enterprises



Auth. Signatory



An ISO 9001:2015

**A Product of
HEALTHCARE**

Office: -A-303, 3rd Floor, Rajhans Plaza, Ahinsa Khand-1, Indirapuram, Ghaziabad, (UP)-201014
Regd. Office: -B-401, Rajhans Apts., Opp. Aditya Mall, Ahinsa Khand-1, Indirapuram, Ghaziabad. (UP)-201014
Tel.:-+91-9540031900,9540577711.E-Mail:-sevenelevenenter711@gmail.com



Certificate of Registration

SEVEN ELEVEN ENTERPRISES

B-401, RAJHANS APARTMENT, OPP. ADITYA MALL, INDRAPURAM,
GHAZIABAD (UP) - 201014, INDIA

has been assessed and Certified by Otabu Certification Pvt. Ltd.
as meeting the requirements of:

ISO 9001:2015

Quality Management System

For the following scope of activities:

**SUPPLIER & INSTALLER OF MODULAR OPERATION THEATRE, MEDICAL GAS
PIPELINE SYSTEM, HOSPITAL MEP, O2 PLANT, PNEUMATIC TUBE SYSTEM,
COVID LAB NEGATIVE POSITIVE PRESSURE, HVAC SYSTEM**

Issue No : 01
Date of Certification: 10 September 2021
1st Surveillance Due: 09 September 2022

Revision No () : NA
2nd Surveillance Due: 09 September 2023
Certificate Expiry: 09 September 2024
(subject to the company maintaining its system to the
required standard)

Certificate No:- 0910Q109621

To Verify this Certificate please visit at www.otabucert.com



Dr. Anita Gupta
(Managing Director)

*Validity of the certificate is subject to successful completion of surveillance audit on or before due date (in case surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawal). *This Certificate of Registration remains the Property of Otabu Certification Pvt. Ltd. and shall be returned immediately upon request.

Otabu Certification Pvt. Ltd., RZ-9 (Ground Floor), Prem Nagar, Uttam Nagar, New Delhi-110059 (India)

Email:- info@otabucert.com website:-www.otabucert.com



Certificate of Registration

This is to certify that

SEVEN ELEVEN ENTERPRISES

at

B - 401, RAJHANS APTS., OPP. ADITYA MALL, INDIRAPURAM,
GHAZIABAD - 201014, (U.P.), INDIA

Has been assessed and certified by Optimum Certifications Inc.

As meeting the requirements of:

ISO 13485:2016

Quality Management Systems for Medical Devices

For the following scope of activities:

"SUPPLIER & INSTALLER OF MODULAR OPERATION THEATRE, MEDICAL GAS PIPELINE SYSTEM,
HOSPITAL MEP, O2 PLANT, PNEUMATIC TUBE SYSTEM, COVID LAB NEGATIVE
POSITIVE PRESSURE & HVAC SYSTEM"

Date of Certification: 04th January 2024

2nd Surveillance Due: 03rd January 2026

1st Surveillance Due: 03rd January 2025

Certificate Expiry Date: 03rd January 2027

(subject to the company maintaining its
system to the required standard)

Certificate Number: MD/241693D

Validity of this certificate can be verified at www.ocicert.com



UKSAF-CB-009



Authorised Signatory

Optimum Certifications Inc.

Validity of This Certificate is Successful Annual Surveillance Audit To Be Done.
This Certificate is The Property of Optimum Certifications Inc. Shall Be Returned Immediately Upon Request,
Suite 19, Regent Court, 70 West Regent Street, Glasgow, Scotland, G2 2QZ
E-mail : ocicert@gmail.com Web: www.ocicert.com



Certificate of Compliance

We hereby declare that the technical file of product complied with the requirement of (89/106/EEC) Construction Products, Low Voltage Equipment (73/23/EEC) & Medical devices (93/42/EEC) Directive.

Manufacturer:-

Name : SEVEN ELEVEN ENTERPRISES

Address : B- 401, Rajhans Apartment, Opp Aditya Mall, Ahinsha Khand -1 , Indirapuram, Ghaziabad, Uttar Pradesh - 201014, INDIA

Has been assessed by Optimum Certifications Inc. and found to be in Compliance with meeting the requirements of:

Product: As per appendix page-I

The certification body has performed an audit of the above product quality system covering the design, manufacture and final inspection of certified product. The quality system has been assessed, approved and is subject to continuous surveillance according (89/106/EEC) Construction Products, Low Voltage Equipment (73/23/EEC) & Medical Devices (93/42/EEC) Directive.

This certificate issued under the following conditions:

1. It applies only to the quality system maintained in the manufacture of above revered models and it does not substitute the design or type examination procedures, if requested
2. The certificate remains valid until the manufacturing conditions or the quality system are changed
3. The certificate validity is conditioned by positive results of surveillance audits
4. After fulfilling relevant EEC legislation, the manufacturer shall affix to each device, of the revered models The CE mark as shown above can be used under the responsibility of the manufacturer after completion of an EEC Declaration of conformity and compliance with all relevant EEC Directives. The statement is based on a single evaluation of one sample of above mentioned product.
5. It does not imply an assessment of the whole production.

Date of Certification: 24th June 2022

2nd Surveillance Due: 23rd June 2024

1st Surveillance Due: 23rd June 2023

Certificate Expiry Date: 23rd June 2025

(subject to the company maintaining its system to the required standard)

Certificate Number: CE/22N2615

Validity of this certificate can be verified at www.ocicert.com



Authorised Signatory

Optimum Certifications Inc.

Validity of This Certificate is Successful Annual Surveillance Audit to Be Done.
This Certificate is The Property of Optimum Certifications Inc. Shall Be Returned Immediately Upon Request,
Suite 19, Regent Court, 70 West Regent Street, Glasgow, Scotland, G2 2QZ
E-mail : ocicert@gmail.com Web: www.ocicert.com



Certificate of Compliance

Certificate of Compliance

Appendix-I

Appendix to Certificate no.:- CE/22N2615

Manufacturer :- SEVEN ELEVEN ENTERPRISES

Address :- B- 401, Rajhans Appartment, Opp Aditya Mall, Ahinsha Khand -1, Indirapuram, Ghaziabad, Uttar Pradesh - 201014, INDIA

This certificate referred to above covers the following products like:

Products:-

1. Pre Fabricated Walls & Ceiling Panels
2. SS 304 Laminar Air Flow
3. Surgeon Control Panel
4. LED Twin Plate X-Ray View
5. Writing List Board
6. Peripheral Lights (LED)
7. Hatch Box
8. Hermetically Sliding door
9. PRD (Pressure Relief Dampers)
10. Storage Cabinet
11. Anti Static Flooring
12. Scrub Sinks
13. OT Lights
14. Single & Double Arm Pendant
15. Motorised Windows
16. Distribution Box
17. Isolation Panels
18. Fully & Semi Automatic Control Panel -Oxygen, Nitrous Oxide System/CO2 System
19. Valve Box
20. Area Alarm



Authorised Signatory

Optimum Certifications Inc.

Validity of This Certificate is Successful Annual Surveillance Audit to Be Done.
This Certificate is The Property of Optimum Certifications Inc. Shall Be Returned Immediately Upon Request,
Suite 19, Regent Court, 70 West Regent Street, Glasgow, Scotland, G2 2QZ
E-mail : ocicert@gmail.com Web: www.ocicert.com

CERTIFICATE
Of Authorization

TECNOMED MEDİKAL
SİSTEMLER VE TURİZM SANAYİ TİC. LTD. ŞTİ.

Authorize: SEVEN ELEVEN ENTERPRISES, as an agent, to carry out registration of our products in India, to submit quotations to tenders, to promote and advertise on behalf of us as an official agent of us in India, Nepal, Bhutan, Sri Lanka & Bangladesh.

Products: Medical Gas Central Plants, Zone Control and Alarm Units, Medical Gas Outlet and Probes, AGSS Systems, Intensive Care Units, Pendants, Flowmeters, Pressure and Vacuum Regulators, Bed Head Units.

Authorized Company Information: SEVEN ELEVEN ENTERPRISES

Address: ADD.B-401,Rajhans apts.,opp.Aditya Mall,Indirapuram,Ghaziabad(U.P) 201014

Date of Issue : 31.12.2022

Date of Expiry : 31.12.2025

TIME LINE



TECNOMED MEDİKAL SİSTEMLER VE TURİZM
SANAYİ TİC. LTD. ŞTİ.
Kocaeli OSB M.İ. Niğde Y. 19 Blok No: 40
Başakşehir/İSTANBUL /Türkiye V.D. : 833 093 7229
www.medicat.com.tr /medikat.com.tr Tel: 0212 909 04 84

Yakup Kemal Henderem

SIGNATURE

Carrier Airconditioning & Refrigeration Ltd.



DEALERSHIP CERTIFICATE

This is to certify that "Seven Eleven Enterprises" is our authorized Sales and Service Dealer till 03rd February, 2026

A handwritten signature in black ink, appearing to read "Sanjay Sharma".

Sanjay Sharma
Leader - Marketing, Commercial
HVAC, India Region

A handwritten signature in black ink, appearing to read "Chirag Baijal".

Chirag Baijal
Managing Director
Commercial HVAC - India Region



TOSHIBA



AdvanTEC

DEALERSHIP

Certificate

This is to certify that

Seven Eleven Enterprises

Indirapuram, GZB.

*is an authorised Dealer of
Nexus Power Systems*



For NEXUS POWER SYSTEMS
[Signature]
Nexus Power Systems
Authorised Signatory



This certificate is valid upto **31-03-2025**



सी.एस.आई.आर.-केन्द्रीय भवन अनुसंधान संस्थान
रूड़की - 247 667 (भारत) उत्तराखण्ड
CSIR-Central Building Research Institute
ROORKEE - 247 667 (INDIA) UTTARAKHAND



Tel : (+91) 1332-283257, 283530, 283281 Tel fax : (+91) 1332-272239 Fax : 272272, 272543
E-mail : spo@cbri.res.in Website : www.cbri.res.in

Certificate of Completion

To whomsoever, it may Concern

This is to certify that **M/s Seven Eleven Enterprises**, having a office at B-1005, Rajhans Apts., Opp. Aditya Mall, Ahinsa Khand-1, Dr.SushilaNayar Marg, Indrapuram Distt. Ghaziabad (UP)-201014 has successfully completed S.I.T.C work of **Medical Gas Supply System** at **Lady Harding Medical Collage, New Delhi**. As per our work order no. PB-1(02)21/02 Dated 23.04.21.

Title of the Project: S.I.T.C work of Medical Gas Supply System

Work order number: PB-1(02)21/02

Cost of Project: Rs. 1,00,54,505.00

Work period: 23.04.21 to 30th June 2022

Project Handed Over & Working Satisfactory.


(AJAY KUMAR SHARMA)
STORES & PURCHASE OFFICER



सी.एस.आई.आर.-केन्द्रीय भवन अनुसंधान संस्थान
रूड़की - 247 667 (भारत) उत्तराखण्ड
CSIR-Central Building Research Institute
ROORKEE - 247 667 (INDIA) UTTARAKHAND



Tel : (+91) 1332-283257, 283530, 283281 Tel fax : (+91) 1332-272239 Fax : 272272, 272543
E-mail : spo@cbri.res.in Website : www.cbri.res.in

Certificate of Completion

To whomsoever, it may Concern

This is to certify that **M/s Seven Eleven Enterprises**, having a office at B-1005, Rajhans Apts., Opp. Aditya Mall, Ahinsa Khand-1, Dr.SushilaNayar Marg, Indrapuram Distt. Ghaziabad (UP)-201014 has successfully completed S.I.T.C work of **Medical Gas Supply System** for Covid-19 Hospital at **Tanda Medical Collage, Kangra, Himachal Pradesh** as per our work order no. LPC/28/20/FR/54 Dated 06.12. 2020


Title of the Project: S.I.T.C work of Medical Gas Supply System for Covid-19 Hospital at TANDA Medical Collage, Himachal Pradesh.

Work order number: LPC/28/20/FR/54

Cost of Project: Rs. 30.41,010.00

Work Period: 06. 12 .20to 26.02.2021

Project Handed Over & Working Satisfactory.


(AJAY KUMAR SHARMA)
STORES & PURCHASE OFFICER



सी.एस.आई.आर.-केन्द्रीय भवन अनुसंधान संस्थान
रुड़की - 247 667 (भारत) उत्तराखण्ड
CSIR-Central Building Research Institute
ROORKEE - 247 667 (INDIA) UTTARAKHAND



Tel : (+91) 1332-283257, 283530, 283281 Tel fax : (+91) 1332-272239 Fax : 272272, 272543
E-mail : spo@cbri.res.in Website : www.cbri.res.in

Certificate of Completion

To whomsoever, it may Concern

This is to certify that **M/s Seven Eleven Enterprises**, having a office at B-1005, Rajhans Apts., Opp. Aditya Mall, Ahinsa Khand-1, Dr.SushilaNayar Marg, Indrapuram Distt. Ghaziabad (UP)-201014 has successfully completed S.I.T.C work of **Medical Gas Supply System** for Covid-19 Hospital at **Una Himachal Pradesh** as per our work order no. LPC/28/20/FR/53 Dated 06.12. 2020


Title of the Project: S.I.T.C work of Medical Gas Supply System for Covid-19 Hospital at Una Himachal Pradesh.

Work order number: LPC/28/20/FR/53

Cost of Project: Rs. 24,92.640.00

Work Period: 06. 12 .20 to 20th March 2021

Project Handed Over & Working Satisfactory.


(AJAY KUMAR SHARMA)
STORES & PURCHASE OFFICER

Maharishi Markandeshwar Trust

Ambala, 134-003 (Haryana) India




Ph: 0091-1731-274475-78
Fax: 0091-1731-274495

Website : www.mmumullana.org
E-mail : info@mmumullana.org

Dated 12-07-2022

This is to Certified that we have placed order for **29 Modular Operation Theatres** project at Maharishi Markandeshwar Trust, Ambala, to M/s. **Seven Eleven Enterprises (Ghaziabad, UP)** & Order Value of Rs. 5, 42,61,165/- (Rs. Five Crores ten Lacs Only) the firm has been completed & handed over the said work of Rs .4, 95, 85,000/- (Rs. Four Crore Ninety Five Lacs eighty Five thousand only).


Chief Manager (Ambala)
Maharishi Markandeshwar Trust
Mullana (Ambala) For MMT

ਸ੍ਰੀ ਗੁਰੂ ਰਾਮਦਾਸ ਚੇਰੀਟੇਬਲ ਹਸਪਤਾਲ

ਵੱਲਾ, ਸ੍ਰੀ ਅੰਮ੍ਰਿਤਸਰ 143501 ਪੰਜਾਬ-ਇੰਡੀਆ



Sri Guru Ram Das Charitable Hospital

Vallah, Sri Amritsar 143501 Punjab INDIA

Ref. No. 11/Pur/2022

Dated 4/7/2022

TO WHOM IT MAY CONCERN

This is to certify that M/s Seven Eleven Enterprises having a Regd. Office B-401, Rajhans Apts, Opp. Aditya Mall, Ahinsa Khand-I, Indrapuram, Distt. Ghaziabad (U.P)-201014 successfully completed a work for 5 no's Modular Operation Theaters, Medical Gas Pipe Line System to HVAC System, The Total project cost were Rs: 4,86,93,690/- (Four Crore Eighty-Six Lacs Ninety-Three Thousand Six Hundred Ninety Rupees Only) said Project working properly successfully.

Incharge
Purchase Department
SGRDIMSAR, Sri Amritsar

Incharge Purchase

MEDICAL GAS SYSTEMS

www.tecnomed.com.tr



Medical Gas Plant

Medical gas plants are used in hospitals and other healthcare facilities to produce medical gases such as oxygen, nitrous oxide, vacuum and medical air and make them suitable for distribution. Medical gas plants which vary such as cylinder gas plants, medical air and medical vacuum are produced as backed up according to medical standards.

Patient Bed Head Units

Bed Head Units are designed to provide integrated solutions which contains medical gas service and electricity in patient room to help patient as well as nurse. It provides illumination in the room with the lower reading lighting and the upper night lighting on the unit. With its stylish design, it provides a comfortable appearance to patient rooms.

Pendants

Pendants are designed to provide single point service for medical gas, electricity and equipment positioning nearby the patient. Pendants are movable units that allow doctors and hospital staff to easily access gas, electricity services and medical equipment in operating rooms and intensive care units.

Area Valve Service Units

They are zone control units produced according to medical standards in order to separate the gas line in each separate service and department in hospitals, to cut the gas in case of emergency, to provide information with alarms at high pressure and low pressure levels, and to intervene in case of breakdowns.

Medical Gas Outlets

Medical Gas sockets are the terminal units installed at the final delivery points in the medical gas pipeline system. Gas outlets are produced in different standards for each gas. The main purpose of the gas outlets is to allow the passage of gas if desired.

Medical Gas Equipment

They are auxiliary products used for medical purposes in intensive care services, operating rooms and patient rooms. They are used to meet requirements of imaging equipment stands, vacuum system equipment, serum and other medical drugs.

Nurse Call Systems

They are system components that patients use to call the nurse in emergency situations. These systems are produced to transmit emergency call with its all system components such as bed head unit button, door warning lamps, emergency code and blue code systems.

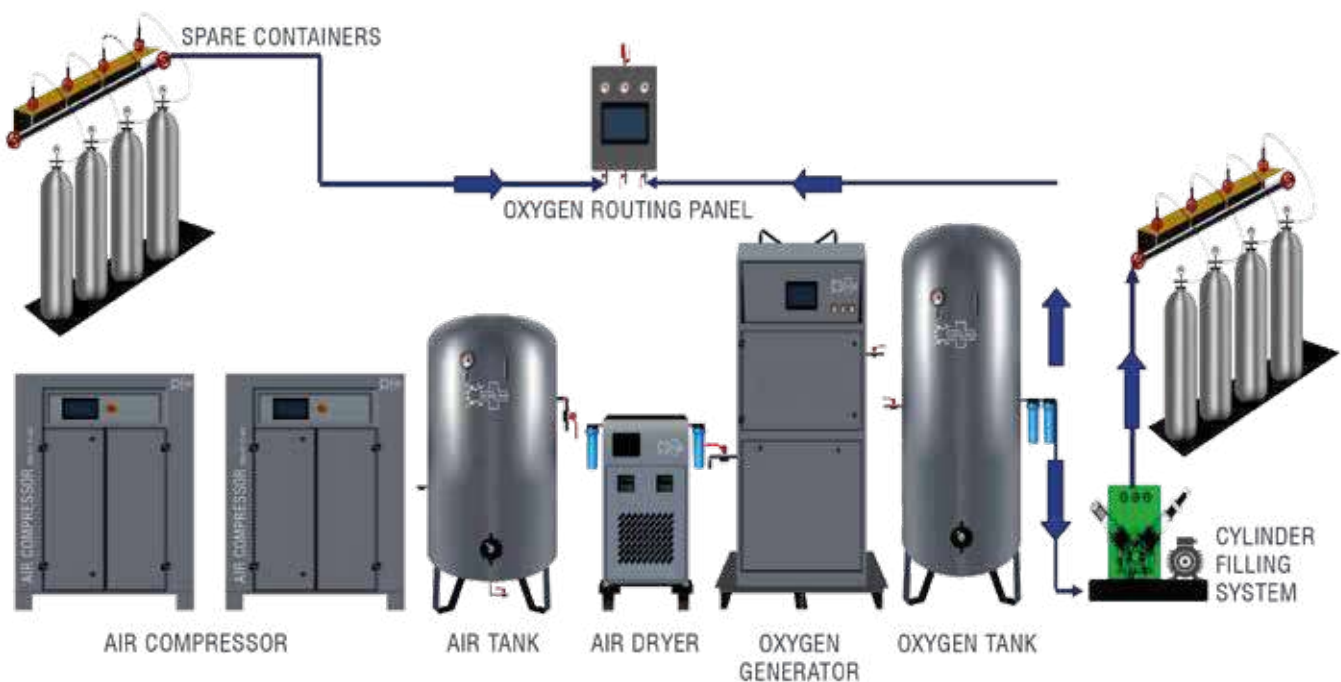
Oxygen Production System

TEC51.30

It ensures oxygen production in hospitals and medical centers where oxygen is needed. It consists of oxygen generators, compressors, tanks, dryers and filtration equipment. Tecnomed oxygen generators are designed according to hospital oxygen capacity needs. There are capacity options between 3 m³/h -150 m³/h. Generally, it is combined with hospital cylinder gas supply units as redundant.

Optional features

- Stainless Steel Tanks
- Backup Compressors and Dryers
- Activated Carbon Tower
- Automatic Drain Systems
- Compact ready container assembly
- Filling System



Liquid Oxygen Systems

TEC51.31

Liquid oxygen tanks are manufactured in accordance with international standards for cryogenic liquid storage. Tecnomed Lox tanks are certified by Turk Loydu organization. The capacities of liquid tanks used in hospitals are generally varies between 3,000 Lt.-25,000 Lt.

Each cryogenic stock tank consists of two vessels that are inner and outer. The tank containing the liquid oxygen is made of stainless steel. In order to provide heat insulation between the two tanks, perlite is filled and vacuum is created.

Tecnomed Lox tanks are specially designed and manufactured. They are designed and manufactured in accordance with EN 13458-2 standard and 2014/68/EU Pressure Equipment Directive.

| Parameters | Inner Vessel | Outer Vessel |
|------------------------|-------------------------|---------------------|
| Design Code | EN-13458-2 / ANNEX C | EN-3458-2 / Annex C |
| Design Temperature | -196° | -20 / +50 ° |
| Design Pressure | 16 bar | -1 bar |
| Max Operation Pressure | 15 bar | |
| Safety Pressure | 15.5 bar | |
| Main Materials | 1.4301-4307 / 304-304 L | S235JR |
| Test Pressure | 24 bar | 3-5 bar |



All system capacities and components may differ according to the projects.



Intensive Care Units

TECNOMED Intensive Care Units are functional units on which the equipment used during the intervention to the patients are mounted, on which medical gas sockets and electrical services are located. Tecnomed Intensive Care Units are manufactured in accordance with EN 11197 standards.

Standard Accessories

- Electrical Sockets (Mains) 6 Pieces DIN-UK-USA
- Electrical Sockets (UPS) 6 Pieces DIN-UK-USA
- 4 Grounding Points
- Data Socket 1 Piece
- Nurse Call Provision (Optional)
- Medical Gas Outlets – DIN-BS-AF



Vexillum Intensive Care Unit TEC.11.04



Trio Intensive Care Unit TEC.11.06

Medical Gas Outlets

TEC61

TECNOMED medical gas sockets are gas terminal units produced in accordance with medical standards used for the passage and control of medical gases served through medical copper pipes or medical hoses. All medical gas outlets are served in use to customers for a long-lasting life time after being subjected to 100% leak test.

Gas Services

- Oxygen
- nitrogen oxide
- Medical Air 4 bar
- Surgical Air 7 bar
- Medical Vacuum
- Carbon dioxide
- Nitrogen



MEDICAL GAS OUTLETS

Standards

Each gas socket is produced in accordance with TSE EN ISO 13 485 medical directives. Each medical gas outlet works with different adapters.

Gas sockets suitable for adapter connections with BS 5682 specification

Gas sockets suitable for adapter connections with DIN 13260-2 specification

Gas sockets suitable for adapter connections with AFNOR NF S 90-116 specification

Certified by the notified body CE 1984.

It is produced in accordance with TSE EN ISO-737-1 and TSE EN ISO 9001:2015 quality standards.

TECNOMED medical gas sockets are divided into MC and PC.

MC model gas sockets are made entirely of brass as the main body and head.

PC model gas sockets, the lower block part is made of brass and the upper cover part is made of ABS plastic.

In all gas socket models, every part that the gas passes through is made of brass.

Working Principle

Thanks to the check-valve system inside, the gas flow is interrupted when the upper body is removed during maintenance.

The force required for the adapter connection is calculated as 100N(Newtons) maximum and 110N(Newtons) for disassembly.

The locking mechanism of TECNOMED medical gas sockets adapters is provided by 4 stainless pins.

Gas Connection Options

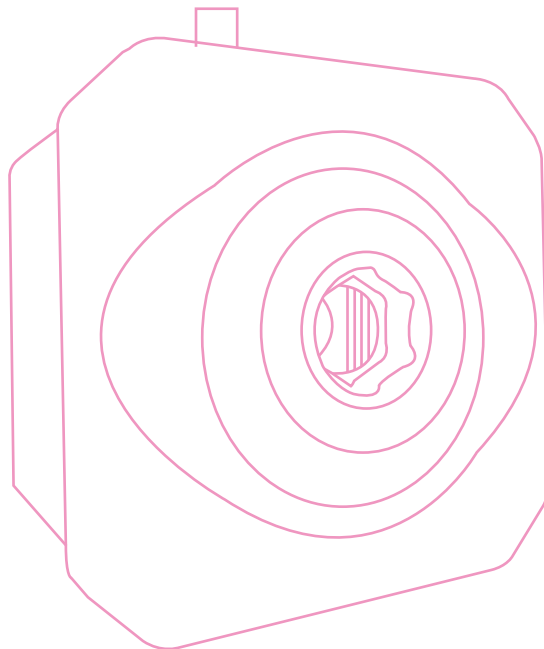
- 45° pipe connection
- 90° pipe connection
- 45° Union Output
- Rear Union Output



Copper Pipe Connection Options

- Standard 8 mm Outlet Pipe 120 mm
- Optional 10 mm and 12 mm Outlet Pipe 120 mm

Gas Socket pipe connection outlets are closed by plugs after they are degreased in order to meet medical standards.



Features

The lower body is machined from calibrated brass and is completely degreased for medical use. The upper body is made of brass at the gas outlets of the MC model, and of ABS plastic in the PC model. Upper body is made of brass in MC model gas sockets. PC model gas sockets are made of ABS plastic. Gas separator housing, where the upper body adapter connection is made, is made of brass, nickel-free chrome plated. There is a sealing gasket between the lower body and the upper body. All internal sealing gaskets are made of silicone.

DIN NORM GAS OUTLET



| Gas Services DIN 1326-6 | 45° Pipe Connection | 90° Pipe Connection | 45° Union Connection | Rear Outlet |
|----------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Oxygen | TEC61.01.01.MC TEC61.01.01.PC | TEC61.01.02.MC TEC61.01.02.PC | TEC61.01.03.MC TEC61.01.03.PC | TEC61.01.04.MC TEC61.01.04.PC |
| Nitrogen Oxide | TEC61.02.01.MC TEC61.02.01.PC | TEC61.02.02.MC TEC61.02.02.PC | TEC61.02.03.MC TEC61.02.03.PC | TEC61.02.04.MC TEC61.02.04.PC |
| Medical Air4 | TEC61.03.01.MC TEC61.03.01.PC | TEC61.03.02.MC TEC61.03.02.PC | TEC61.03.03.MC TEC61.03.03.PC | TEC61.03.04.MC TEC61.03.04.PC |
| Surgical Air7 | TEC61.04.01.MC TEC61.04.01.PC | TEC61.04.02.MC TEC61.04.02.PC | TEC61.04.03.MC TEC61.04.03.PC | TEC61.04.04.MC TEC61.04.04.PC |
| Medical Vacuum | TEC61.05.01.MC TEC61.05.01.PC | TEC61.05.02.MC TEC61.05.02.PC | TEC61.05.03.MC TEC61.05.03.PC | TEC61.05.04.MC TEC61.05.04.PC |
| Carbondioxide | TEC61.06.01.MC TEC61.06.01.PC | TEC61.06.02.MC TEC61.06.02.PC | TEC61.06.03.MC TEC61.06.03.PC | TEC61.06.04.MC TEC61.06.04.PC |
| Nitrogen | TEC61.07.01.MC TEC61.07.01.PC | TEC61.07.02.MC TEC61.07.02.PC | TEC61.07.03.MC TEC61.07.03.PC | TEC61.07.04.MC TEC61.07.04.PC |

BS NORM GAS OUTLET



| Gas Services BS | 45° Pipe Connection | 90° Pipe Connection | 45° Union Connection | Rear Outlet |
|--------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Oxygen | TEC61.01.05.MC TEC61.01.05.PC | TEC61.01.06.MC TEC61.01.06.PC | TEC61.01.07.MC TEC61.01.07.PC | TEC61.01.08.MC TEC61.01.08.PC |
| Nitrogen Oxide | TEC61.02.05.MC TEC61.02.05.PC | TEC61.02.06.MC TEC61.02.06.PC | TEC61.02.07.MC TEC61.02.07.PC | TEC61.02.08.MC TEC61.02.08.PC |
| Medical Air4 | TEC61.03.05.MC TEC61.03.05.PC | TEC61.03.06.MC TEC61.03.06.PC | TEC61.03.07.MC TEC61.03.07.PC | TEC61.03.08.MC TEC61.03.08.PC |
| Surgical Air7 | TEC61.04.05.MC TEC61.04.05.PC | TEC61.04.06.MC TEC61.04.06.PC | TEC61.04.07.MC TEC61.04.07.PC | TEC61.04.08.MC TEC61.04.08.PC |
| Medical Vacuum | TEC61.05.05.MC TEC61.05.05.PC | TEC61.05.06.MC TEC61.05.06.PC | TEC61.05.07.MC TEC61.05.07.PC | TEC61.05.08.MC TEC61.05.08.PC |
| Carbondioxide | TEC61.06.05.MC TEC61.06.05.PC | TEC61.06.06.MC TEC61.06.06.PC | TEC61.06.07.MC TEC61.06.07.PC | TEC61.06.08.MC TEC61.06.08.PC |
| Nitrogen | TEC61.07.05.MC TEC61.07.05.PC | TEC61.07.06.MC TEC61.07.06.PC | TEC61.07.07.MC TEC61.07.07.PC | TEC61.07.08.MC TEC61.07.08.PC |

AF NORM GAS OUTLET



| Gas Services AFNOR NF S 90-116 | 45° Pipe Connection | 90° Pipe Connection | 45° Union Connection | Rear Outlet |
|-----------------------------------|------------------------|------------------------|-------------------------|-------------|
| Oxygen | TEC61.01.09 | TEC61.01.10 | TEC61.01.11 | TEC61.01.12 |
| Nitrogen Oxide | TEC61.02.09 | TEC61.02.10 | TEC61.02.11 | TEC61.02.12 |
| Medical Air4 | TEC61.03.09 | TEC61.03.10 | TEC61.03.11 | TEC61.03.12 |
| Surgical Air7 | TEC61.04.09 | TEC61.04.10 | TEC61.04.11 | TEC61.04.12 |
| Medical Vacuum | TEC61.05.09 | TEC61.05.10 | TEC61.05.11 | TEC61.05.12 |
| Carbondioxide | TEC61.06.09 | TEC61.06.10 | TEC61.06.11 | TEC61.06.12 |
| Nitrogen | TEC61.07.09 | TEC61.07.10 | TEC61.07.11 | TEC61.07.12 |

TEC61

MEDICAL GAS OUTLETS

Wall mounted gas modules are produced in various options for operating theaters, intensive care services, patient rooms and other services. Flush-mounted and surface-mounted mounting options and gas services options are available.



Features

- Extruded aluminum body channel
- Optional stainless cover
- Flush and surface mounting option
- 6 gas options including AGSS

| On Plaster Standart Cover | Stainless Cover Under Plaster | Outlet Qty |
|---------------------------|-------------------------------|------------|
| TEC62.01 | TEC62.07 | 1 |
| TEC62.02 | TEC62.08 | 2 |
| TEC62.03 | TEC62.09 | 3 |
| TEC62.04 | TEC62.10 | 4 |
| TEC62.05 | TEC62.11 | 5 |
| TEC62.06 | TEC62.12 | 6 |

Anaesthetic Gas Scavenging System

It is designed to remove the anesthetic gas mixture discharged from AGSS sockets.

Single and double blower versions are available. The system is assembled on a chassis with a control panel.

Blowers are oil-free and air-cooled. They provide high efficiency against continuous working conditions.

Tecnomed AGSS systems are manufactured in accordance with MDD 93/42/EEC and HTM 02-01 standards.



Terminal Gas Outlets

TECNOMED wall mount gas socket models offer a beautiful view in patient services with their simple and elegant case design. It provides convenience to users thanks to its easy-to-install flush mounted and surface-mounted options.



TEC61

MEDICAL GAS OUTLETS

| Gas Services | BS 5682 | DIN 13260-2 | AFNOR NF S 90-116 |
|----------------|----------------|-----------------|-------------------|
| Oxygen | TEC61.01.BS.TU | TEC61.01.DIN.TU | TEC61.01.NF.TU |
| Nitrogen Oxide | TEC61.02.BS.TU | TEC61.02.DIN.TU | TEC61.02.NF.TU |
| Medical Air4 | TEC61.03.BS.TU | TEC61.03.DIN.TU | TEC61.03.NF.TU |
| Medical Air7 | TEC61.04.BS.TU | TEC61.04.DIN.TU | TEC61.04.NF.TU |
| Medical Vacuum | TEC61.05.BS.TU | TEC61.05.DIN.TU | TEC61.05.NF.TU |
| Carbondioxide | TEC61.06.BS.TU | TEC61.06.DIN.TU | TEC61.06.NF.TU |
| Nitrogen | TEC61.07.BS.TU | TEC61.07.DIN.TU | TEC61.07.NF.TU |

Nurse Call Display Screen

TEC71.01



- ABS plastic material.
- 200 Call Buttons can be defined.
- Ability to display floor, room and bed numbers in detail.
- Digital clock display
- Ability to warn incoming call with sound and light.
- Different ringtone feature for normal and emergency calls.
- 6 call indicators at the same time.
- Possibility to set separate letters and codes for each region.
- Optional reporting feature by recording the process.
- Dimensions 400 x 250 x 30 mm



Nurse Call Button

TEC71.02

- ABS plastic resistant to impacts and bumps.
- Strong range area.
- Ergonomic use and handset connection option for patients.
- Ability to “Call Reset” via button.
- Longer than 5 years of battery life with lithium battery technology.



Nurse Call Hand Set

TEC71.03

- Ergonomic design that even child patients can hold.
- Suitable for use with RJ11 locked type socket for Nurse Call Button.
- Cable length 1.40 cm spiral cable
- Fixing to the wall when the hand set is not used with the wall mounting equipment



Signal Transmitter Unit

TEC71.04

- Stylish Design.
- Complete solution for long distances with external dipole antenna.
- Data light for receiving a call.
- Complete solution for signal in high-rise buildings.

NURSE CALL SYSTEMS

For IP system nurse call and classic nurse call, please inquire the catalogue.

Wc Cord Button

- Suitable for use in humidity environment.
- 5 years battery life with lithium battery technology.
- Hit and impact resistance ABS plastic material.
- The phrase "PULL THE LINE IN EMERGENCY" on the unit and the Braille Alphabet under this text.
- Strong range area.
- Possibility to start via cord and end the call via button



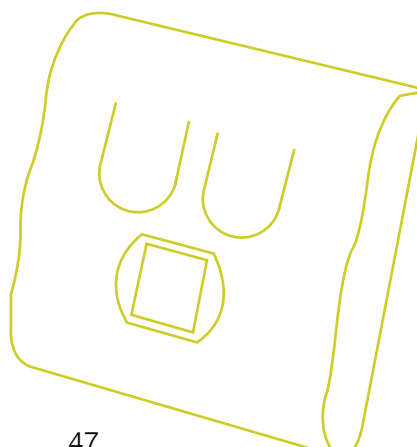
Over Door Warning Lamp

- Lots of color options in different combinations with RGB LEDs.
- Functional warning from red, blue, yellow and green warning lights.
- Shows red light until the call ends.
- It shows yellow light for calls made from WC and Bathrooms.
- In case call cancellation, possibility to keep green light for a while or possibility of adding reset button.
- Functional Blue light in different situations.



Call Recording Unit and Software

- Ability to record and report nurse calls
- Specifies the date range. (Monthly Weekly Daily or optional date range)
- Possibility to print reports.
- Ability to determine the time of nurse intervention.
- Ability to define calls made from different regions, Example: Bathroom, WC, Patient Room, 1st floor etc.
- USB connection to computer.



Motorized Double Arm Three Joint Pendant

TEC22.01



Tecnomed Pendant units provide users with the most comfortable facilities with their high-tech mechanisms and visual design. Operating room and intensive care pendants are specially designed and produced for each hospital. It has been produced to provide comfort to the user for medical gas and electricity services, the use of medical devices and the equipment.

- Material: High-Strength Aluminium Alloy (9 mm. thickness)
- Static Antibacterial powder paint finished
- Use Type: Surgery and Anesthesia type
- Net Weight: 120 Kg
- Power Input: ~220V, 50Hz-60Hz
- Arm loading capability: 90 Kg
- Arm length 1 : 950 mm
- Arm length 2 : 550 mm
- Rotating angle : 330 degree
- Lift distance : 410 mm
- Medical gas outlets optional for:
 - O₂
 - Air (4/7 bar)
 - Vacuum
 - N₂O
 - CO₂
 - AGSS
- Infusion Pump sockets optional (Stainless Steel/Aluminium alloy)
- Drawer optional
- Baskets optional (Stainless Steel)
- Warranty time: 2 years
- Gas outlet : 8 pcs.(optional)
- Electrical outlet : 12 pcs. (optional)

Motorized Double Arm Three Joint Pendant

TEC22.01





Dr. Mach
Medical lighting
+ Technology

The **LED** revolution

LED OT-light systems for surgery

Mach LED 5mc, LED 5 Smart and LED 5sc
Mach LED 3mc, LED 3 Smart and LED 3sc
Mach LED 2mc, LED 2 Smart and LED 2sc
Mach video transmission system with SD camera
Mach video transmission system with HD camera

LED OT-LIGHTS

Dr. Mach LED technology

Dr. Mach provides two different LED technologies for its OT-lights:

1. MC models and Smart models

are equipped with **Multi-Colour-chips**. The use of different-coloured LED-chips allows the surgeon to change the colour temperature of the OT-light depending on the preference for a more cold-white light (colour temperatures ≥ 4500 K) or for a warm-white OT-light (colour temperatures ≤ 4250 K). The surgeon can set the colour temperature according to the tissue structure, the surgical application and individual colour sensitivity. This way we avoid tiredness during work: for instance, dazzling effects can be avoided after longer interventions by using a warmer light. On the other hand it is possible to increase the contrast by using higher colour temperatures, which supports the surgeon's power of concentration.

2. SC models

are equipped with **Single-Colour-chips**. Changing the colour temperature is not possible in this case. Of course all the other advantages of the LED technology are also implemented here.

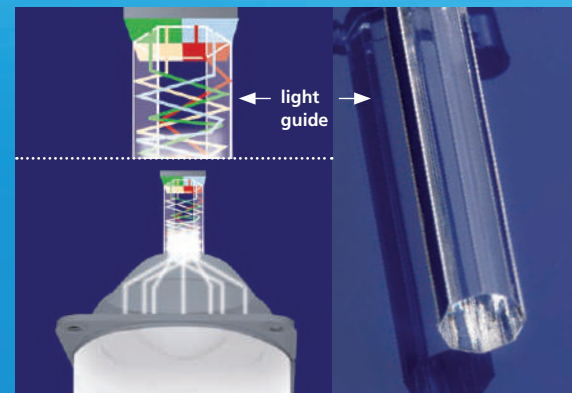
Lighting technology - special features of the MC models and Smart models

Colour composition inside the light head

Dr. Mach already merges the different coloured LEDs by a computer-calculated optical system with light guide and faceted lenses.

This means: The composed light leaves the optical system as white light and is dispersed over the wound field homogeneously.

Colour shadows in the light beam of the OR light caused by the surgeon's head, shoulder or hands are avoided by the colour composition in the optical system.



Changing the light colour

The use of different coloured LEDs makes it possible for the first time in surgery to change the light colours depending on the application.

The surgeon has the possibility to choose the optimum OR light according to the tissue type and the wound field texture.

The chips of the MC models are equipped with four variegated LEDs (red, green, warm-white and cold-white).

The chips of the Smart models are equipped with two variegated LEDs (warm-white and cold-white).

The pictures on the right show the LED-Chip and the light guide of a MC-model.

Five different colour temperature values can be set: 3750, 4000, 4250, 4500 and 4750 Kelvin.* The setting can be done either at the key pad on the lamp housing or by a turn of the ring at the sterilisable handle.

* The LED-OT-lights can be equipped optionally with different colour temperature ranges, e.g. from 3500 K to 5000 K.



Common characteristics of the MC models, Smart models and SC models

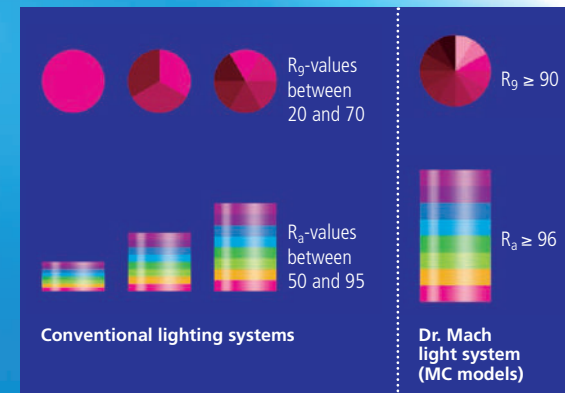
Faceted multi-lens system

Separately arranged optical systems, each with four LED modules (Multi-Colour models), each with two LED modules (Smart models) or each with one LED module (Single-Colour models), generate their own light field, which increases the contrast effect of the OR light. Light intensities of 160.000 Lux can be attained without difficulty.

Superiour colour rendition

With colour rendering indexes R_a above 96 and R_9 (red) above 90 the surgeon recognizes clearly the tiniest nuances of colour in tissue. The colour rendering index for SC models is $R_a = 95$. For recognizing the exact colour spectrum of the wound the exact rendition of the red colour range is essential.

R_9 (red) ≥ 90 means for the surgeon a visibly better recognition of details. The colour spectrum of the wound is rendered naturally with rich contrast. The OT-light clearly provides welcome relief for your eyes.



Illumination in depth

You have the possibility to increase the light intensity of the central segment of the OT-light. This enables an optimum illumination of the wound field according to its texture and the shadowing effects.

A high and adequate light intensity is very important especially in cases of narrow and deep wound channels.



OT-lights combination:

Mach LED 5 / Mach LED 3 with
integrated video system and monitor



Mach LED 5
160.000 Lux

Mach LED 3 with camera
140.000 Lux

OT-lights combinations

for low room heights

Mach LED 3 with camera
140.000 Lux



Mach LED 5
160.000 Lux

Mach LED 5/Mach LED 3 with camera

OT-lights combination with special ceiling arms for low room heights below 2,80 m

Mach LED 3
140.000 Lux



Mach LED 3/Tandem monitor tray

OT-lights combination with special ceiling arms for low room heights below 2,80 m

Mobile lights

(optionally with integrated video system)

Mach LED 3
140.000 Lux



Mobile light

with integrated power supply

Mach LED 2
115.000 Lux



Mobile light

with integrated emergency power unit
operating time 3 hours



**A GLOBAL
TECHNOLOGY
LEADER
IN DOOR
SOLUTIONS**





OT DOORS

Mak Health OT Doors:

It comes in single parting and bi- parting sliding doors.

*Sizes Available: 1200x2100mm, 1500x2100mm, 1800x2100mm.

MakHealth is a hermetically sealed sliding door. (Sliding Direction: Horizontally from Left or Right)

This door is specially designed for operation theatres and clean rooms. It can withstand up to 100 Pa overpressure to such a degree that any leakage loss will still not be measurable due to the hermetic seal.

Opening the door is extremely easy due to the lever principle on the inner and outer door handles. The door can also be provided with the electrical automation.

Features:

- Can withstand upto 100Pa overpressure.
- 60mm thick door panel with 4mm thick HPL on both sides.
- Hermetic sealing, energy efficient, easy operation.
- Flush door, door skin is made of jointless laminates for widths upto 1500mm in all standard shades.
- Removable EPDM sealing gasket.
- Available in sizes from 1200 x 2100mm to 1800 x 2100mm
- Other sizes available on request
- Customization as per client's requirement.

TECHNICAL DATA SHEET

Product: Metaflex Single Leaf Sliding Door (Sliding Direction: Left or Right)

| | |
|--|---|
| Door profiles | Aluminium Alloy, Grade 6063, Temper T6. Natural Anodized 20 µm |
| Polyurethane | 2-Component Polyurethane Rigid CFC Free, Dimensional stability at +100°C & -25°C (2%max) Density 45Kg/M3 with max deviation of 2kg/m3 as per DIN53420. |
| Door skin | High Pressure Laminates confirming to EN 438-3:2005, Thickness = 4mm, Matte Finish. |
| Sealing gasket (side & top) | Replaceable Bulb and Lip design gasket Material: EPDM Colour: Light Grey |
| Sealing gasket (bottom) | Replaceable Special lower sealing gasket Material: EPDM Colour: Light Grey |
| Vision panel | Double Glazed IG unit with 5mm tempered glass on both sides. Size = 300 mm x 300 mm x 60mm. |
| Lever handle | Solid AISI 304 Grade Stainless Steel with rubber spring system |
| Rail | Aluminium Alloy, Grade 6063, Temper T6 Natural Anodized. single length upto 1800mm wide doors 45° indentations with simultaneous "down and in" movement |
| Rollers | Material: Special Grade Self-lubricating PA Bearings: 2X per roller |
| Wall frame | Aluminium Alloy, Grade 6063, Temper T6 Natural Anodized 20 µm. |
| Planks | 9mm thick high density particle Board finished with 1mm thick compact laminate in door colour. |
| Noise insulation | 28 dB |
| Air permeability | Air Leakage at ± 75 Pa (pressure difference) = 0.07 m ³ /h.m |
| Lock (optional) | Electro mechanical lock with Euro Norm cylinder and emergency release inside |

EL5 / EL7 SOLUTIONS

gerflor.com

CONDUCTIVE & DISSIPATIVE ROLLS AND TILES



Gerflor[®]
theflooringroup

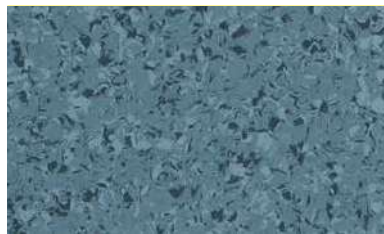
DISSIPATIVE

► Mipolam Affinity EL7

2 m | 608 x 608 mm | $10^6 \leq Rt \leq 10^8 \Omega$ [EN 1081] | Evercare™



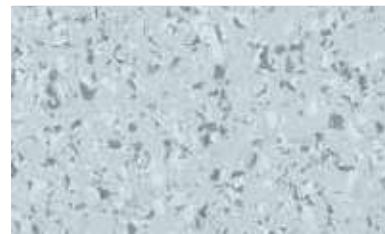
4111 Raffia



4166 Thistle



4132 Citrine



4110 Violet Grey



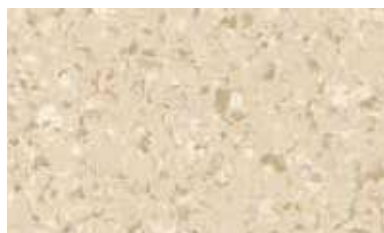
4116 Sapphire



4144 Havana Brown



4101 Quartz



4124 Smoked Opal



4120 Silver Grey



4159 Grey Storm

► Mipolam Robust EL7

2 m | 608 x 608 mm | $10^6 \leq Rt \leq 10^8 \Omega$ [EN 1081]



0003 Ivory



0002 Platinum



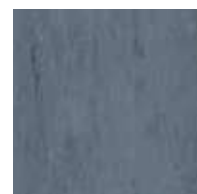
0112 Storm



0306 Green



0005 Steel

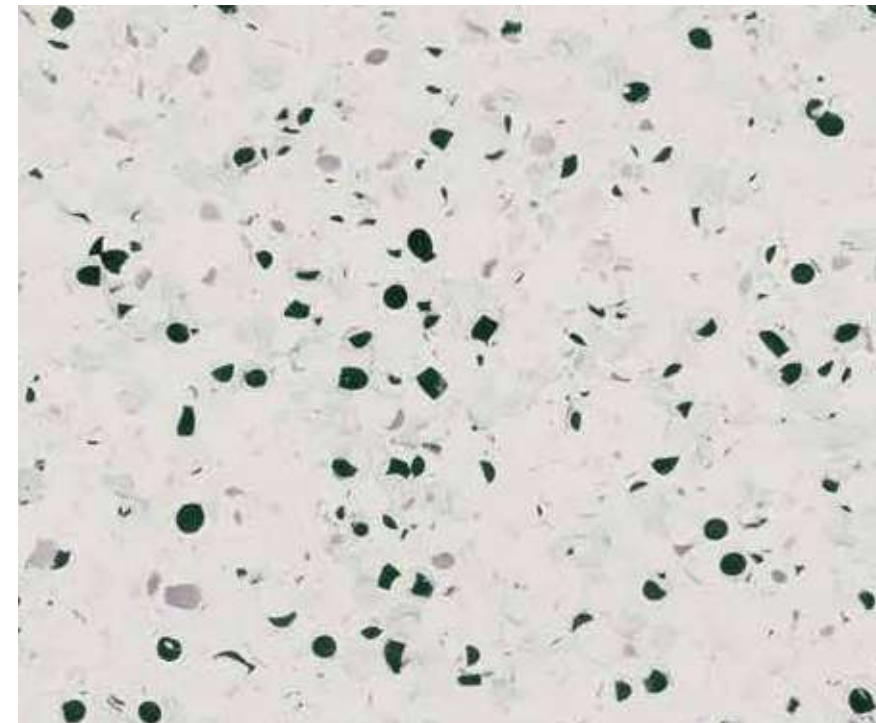


0013 Pewter

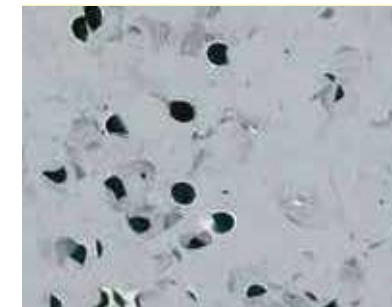
CONDUCTIVE

► Mipolam Elegance EL5

2 m | $10^4 \leq Rt \leq 10^6 \Omega$ [EN 1081] | Evercare™



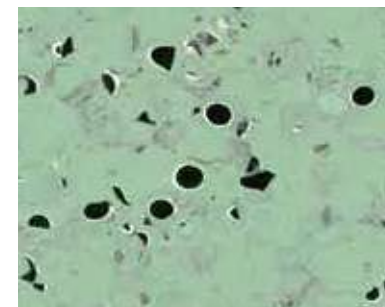
0350 Light Grey



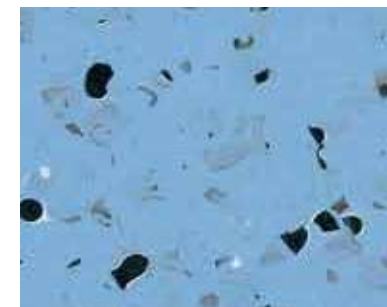
0352 Grey



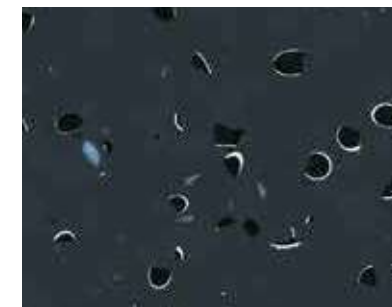
0353 Beige



0355 Green



0354 Blue



0351 Black

► Mipolam Technic EL5

608 x 608 mm | $10^4 \leq Rt \leq 10^6 \Omega$ [EN 1081]



0635 White



0636 Grey



0640 Beige



0637 Light Blue



0638 Blue



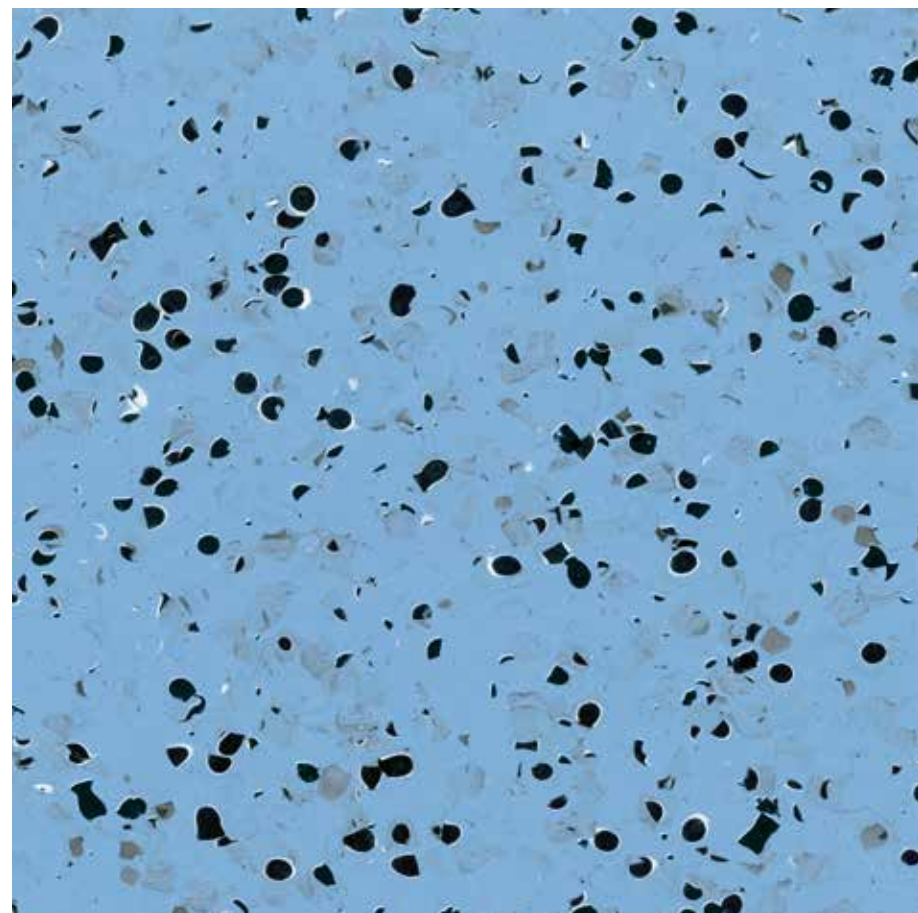
0639 Green

RENOVATION > ADHESIVE FREE INSTALLATION

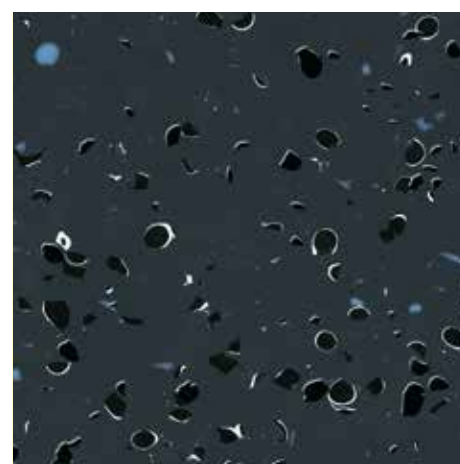
CONDUCTIVE

GTI EL5

 635 x 635 mm
 650 x 650 mm
 $5 \times 10^4 \leq R_t \leq 10^6 \Omega$
 (EN 1081) | Evercare™

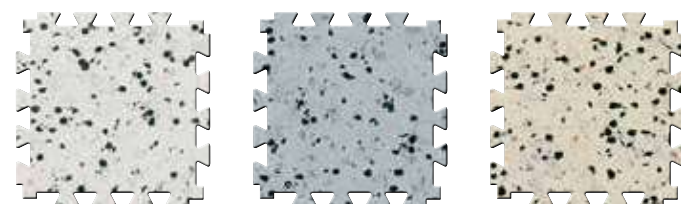


CONNECT 0354 Blue

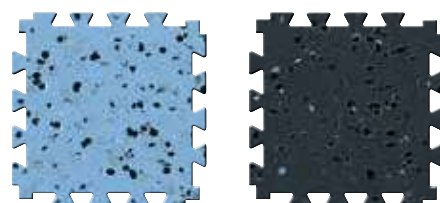


CLEANTECH 0351 Black

GTI EL5 CONNECT

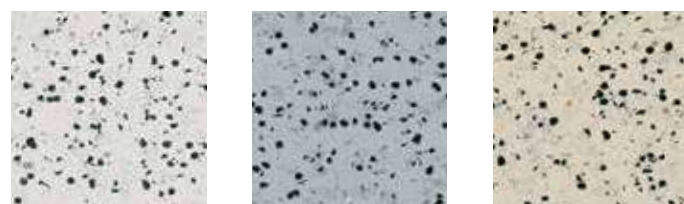


0350 Light Grey 0352 Grey 0353 Beige

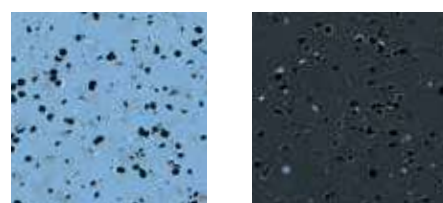


0354 Blue 0351 Black

GTI EL5 CLEANTECH



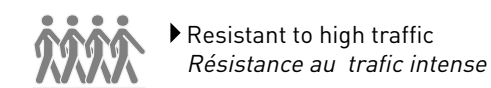
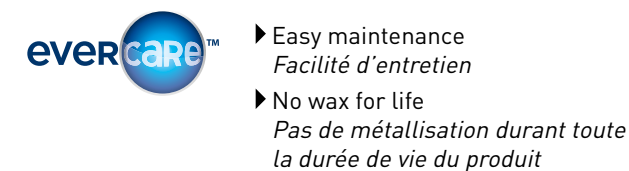
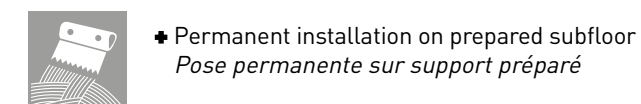
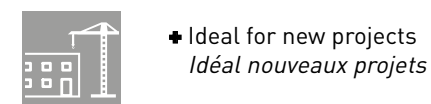
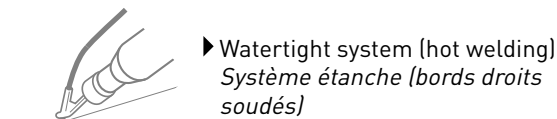
0350 Light Grey 0352 Grey 0353 Beige



0354 Blue 0351 Black

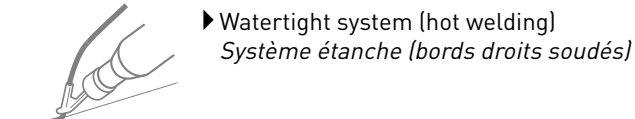
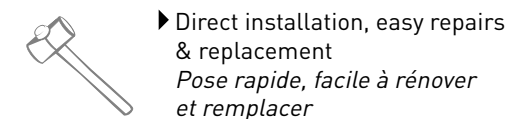
NEW INSTALLATION > PERMANENT ADHESIVE

NOUVEAU PROJET > COLLAGE PERMANENT

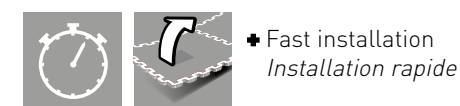


RENOVATION > ADHESIVE FREE INSTALLATION

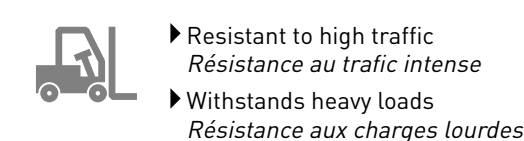
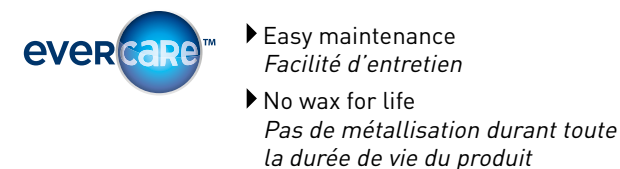
RÉNOVATION > POSE SANS COLLE



GTI EL5 CONNECT: INTERLOCKING SYSTEM / ASSEMBLAGE PAR QUEUES D'ARONDE



GTI EL5 CLEANTECH: WELDED SQUARE FORMAT / DALLE SOUDÉE



EL5 / EL7 SOLUTIONS



20013649

* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions)



| | MIPOLAM ELEGANCE EL5 | MIPOLAM TECHNIC EL5 | MIPOLAM AFFINITY EL7 | MIPOLAM ROBUST EL7 | GT1 EL5 CONNECT | GT1 EL5 CLEANTECH |
|--|----------------------|---------------------|----------------------|--------------------|-----------------|-------------------|
|--|----------------------|---------------------|----------------------|--------------------|-----------------|-------------------|

DESCRIPTION / DESCRIPTION

| | | | | | | | | |
|--|--------------|---------|----------|-----------|-----------|-----------|-----------|-----------|
| Total thickness / Épaisseur totale | EN ISO 24346 | mm | 2.00 | 2.00 | 2.00 | 2.00 | 6.00 | 6.00 |
| Wearlayer thickness / Épaisseur couche d'usure | EN ISO 24340 | mm | - | - | - | - | 2 | 2 |
| Weight / Poids | EN ISO 23997 | g/sq.m | 2985 | 3800 | 3100 | 3300 | 9240 | 9240 |
| Width/length of sheet / Largeur/Longueur lés | EN ISO 24341 | cm / lm | 200 / 20 | - | 200 / 20 | 200 / 20 | - | - |
| Tile size / Format dalles | EN ISO 24342 | mm | - | 608 x 608 | 608 x 608 | 608 x 608 | 635 x 635 | 650 x 650 |
| Number of tiles per package / Nombre de dalles par boîte | - | - | - | 20 | 20 | 20 | - | - |

CLASSIFICATION / CLASSIFICATION

| | | | | | | | | |
|---|--------------|------------|--|--|--|--|--|--|
| Standard/product specification / Norme/Spécification produit | - | - | EN ISO 10581 | EN ISO 10581 | EN ISO 10581 | EN ISO 10581 | EN ISO 10582 | EN ISO 10582 |
| European classification / Classement européen | EN ISO 10874 | class | 34-43 | 34-43 | 34-43 | 34-43 | 34-43 | 34-43 |
| Classement UPEC | - | - | U4P3E2/3C2 | - | U4P3E2/3C2 | - | - | - |
| Certification UPEC | QB 30 | n° certif. | 301-056.1 | - | 332-013.1 | - | - | - |
| Fire rating / Réaction au feu | EN 13501-1 | class | Bfl - s1 | Bfl - s1 | Bfl - s1 | Bfl - s1 | Bfl - s1 | Bfl - s1 |
| Electrical resistance ⁽¹⁾ / Résistance électrique ⁽¹⁾ | EN 1081 | Ohm | 10 ⁴ ≤ Rt ≤ 10 ⁶ | 10 ⁴ ≤ Rt ≤ 10 ⁶ | 10 ⁶ ≤ Rt ≤ 10 ⁸ | 10 ⁶ ≤ Rt ≤ 10 ⁸ | 5 x 10 ⁴ ≤ Rt ≤ 10 ⁶ | 5 x 10 ⁴ ≤ Rt ≤ 10 ⁶ |
| Static electrical propensity / Potentiel de charge | EN 1815 | kV | < 2 | < 2 | < 2 | < 2 | < 2 | < 2 |
| Slip resistance wet / Glissance | DIN 51 130 | class | R9 | - | R9 | - | R9 | R9 |

PERFORMANCE / PERFORMANCE

| | | | | | | | | |
|--|-----------------|--------|---|--------|---|-----------------------------|-----------|-----------|
| Type binder content / Teneur en agent liant | ISO 10581 | Type | I | II | II | II | - | - |
| | ISO 10582 | Type | - | - | - | - | I | I |
| Dimensional stability / Stabilité dimensionnelle | EN ISO 23999 | % | ≤ 0.40 | ≤ 0.25 | Sheet ≤ 0.40 Tile ≤ 0.25 | Sheet ≤ 0.40 Tile ≤ 0.25 | ≤ 0.15 | ≤ 0.15 |
| Shore hardness / Dureté shore | EN ISO 868 | Hd | - | - | - | - | ≥ 90 | ≥ 90 |
| Residual indentation (average measured value) / Poinçonnement statique rémanent (valeur moyenne mesurée) | EN ISO 24343-1 | mm | ≈ 0.02 | ≈ 0.03 | ≈ 0.02 | ≈ 0.03 | - | - |
| Castor chair test (Type W) / Essai de la chaise à roulettes (type W) | ISO 4918 | - | OK | OK | OK | OK | OK | OK |
| Thermal conductivity / Conductivité thermique | EN ISO 10456 | (m.K) | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 |
| Colour fastness / Solidité lumière | EN 20 105 - B02 | degree | ≥ 6 | ≥ 6 | ≥ 6 | ≥ 6 | ≥ 6 | ≥ 6 |
| Surface treatment / Traitement de surface | - | - | Evercare™ | - | Evercare™ | - | Evercare™ | Evercare™ |
| Chemical product resistance / Résistance aux produits chimiques | EN ISO 26987 | - | OK | OK | OK | OK | OK | OK |
| Anti-bacterial activity (E.coli - S. aureus - MRSA) ⁽³⁾ / Activité anti-bactérienne (E. coli - S. aureus - MRSA) ⁽³⁾ | ISO 22196 | - | > 99 % inhibits growth ne favorise pas la prolifération | - | > 99 % inhibits growth ne favorise pas la prolifération | - | - | - |

ENVIRONMENT / INDOOR AIR QUALITY / ENVIRONNEMENT / QUALITE DE L'AIR

| | | | | | | | | |
|--|-------------|-------------------|-------------|------|-------------|------|-------------|-------------|
| TVOC after 28 days / TVOC après 28 jours | ISO 16000-6 | µg/m ³ | < 10 | < 10 | < 10 | < 10 | < 10 | < 10 |
| Certification / Certification | - | - | Floorscore® | - | Floorscore® | - | Floorscore® | Floorscore® |

CE MARKING / MARQUAGE CE

| | | | | | | | |
|--|----------|---|--|--|--|--|--|
| | EN 14041 | - | | | | | |
| | - | - | | | | | |

(1) Measured before installation / Mesure avant installation. (2) Measured with ESD shoes compliant with norms / Mesurée avec chaussures ESD conformes aux normes.

(3) The implementation of an effective cleaning method is the best defence against infection / Le respect des protocoles d'entretien des sols est la meilleure garantie contre les infections

Product Descriptions, Technical Data Sheets, Installation & Maintenance guidelines, Complementary ranges available on our Gerflor websites.

Rubber leaves indelible stains on vinyl floorings: do not use mats with rubber backing and replace tubular furniture feet with those made of PVC or polyamide. Place mats of sufficient length at entrances to reduce outside sources of dirt.

IMPORTANT: The information contained in this document is valid from 31/03/2020 and is subject to change at any time without notice. In the context of constantly changing technology, our customers are responsible, prior to any use, for checking with us that this document is the version in force.

Proscrire tout élément ou partie d'éléments en caoutchouc susceptible d'être en contact direct avec nos revêtements (embouts de chaises, mobiliers...) et utiliser exclusivement des embouts en PVC ou Polyéthylène. Pour les matériaux Protocolsol®, ne jamais effectuer de décapage avec les disques abrasifs (vert, marron ou noir) ou des procédés risquant de détériorer le traitement de surface (abrasifs, solvant...).

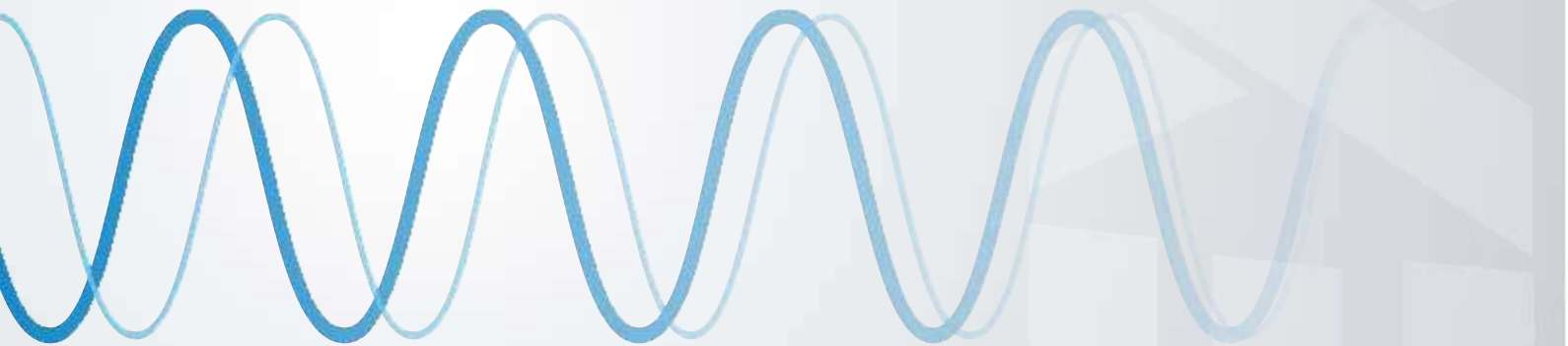
IMPORTANT: Les informations contenues dans ce document sont valables à compter du 31/03/2020 et susceptibles d'être modifiées sans préavis. L'évolution de la technique étant permanente, il appartient à notre clientèle, avant toute mise en œuvre, de vérifier auprès de nos services que le présent document est bien celui en vigueur.

Principes de mise en œuvre détaillés, accessoires (profilés, plinthes) et notices d'entretien : disponibles sur demande.

NEXUS



RUGGED, RELIABLE, BUILT TO LAST





An ISO 9001, 14001 organisation, NEXUS's dealer cum service network spans the length and breadth of the country. The commitment to keep your business ticking round the clock constantly spurs Nexus to surpass its own service standards, which means, better and faster service anytime and every time.

INDIA'S LARGEST RANGE OF UPS SYSTEMS

NEXUS has the largest range of UPS systems in India with over 100 models of On-Line and Line Interactive UPS systems with internal and external batteries for upto 12 hours back-up time:



- Line Interactive UPS systems from 25VA to 4KVA with built in batteries.
- Line Interactive UPS systems from 25VA to 4KVA with external batteries with up to 12 Hours back up time.
- On-Line HF Series UPS systems with IGBT Technology from 1KVA to 12.5KVA with internal batteries.
- On-Line HF Series UPS systems with IGBT Technology from 1KVA to 300KVA with external batteries with upto 12 hours back up time.

1.0 to 12.5 KVA – 10 in/10 out

Specifications

| | |
|-------------------------------|-------------------------------------|
| Input Voltage | Single Phase |
| Voltage range | 170 to 270 V |
| Frequency | 45-55 Hz |
| INVERTER | |
| Output Wave Form | Pure Sine Wave |
| Output voltage | 220 V |
| Output voltage regulation | +/- 1% |
| Output Frequency | 50Hz +/- 0.01% |
| Output Isolation | Galvanic Isolation |
| Power Factor | 0.8 to unity |
| THD | Less than 3% |
| Technology | Micro Controller based Hi Freq. PWM |
| Overload Capacity | 110% |
| Crest Factor | 4:1 |
| Transient Recovery | Within 3 cycle |
| BATTERY CHARGER | |
| Charger Type | Constant Voltage Constant Current |
| Charging Mode | Trickle, Float & Boost |
| OPERATING CONDITIONS | |
| Operating Temperature | 0-45° C |
| Humidity | 90% Non Condensing |
| Noise Level | Less than 45dB |
| RESPONSE TIME | |
| Transfer Time | 0 ms |
| DIMENSIONS (W x L x H) | |
| 1.0 - 6.0KVA | 275 mm x 520 mm x 518 mm |
| 7.5 - 12.5KVA | 330 mm x 520 mm x 595 mm |



With External Battery



With External Battery

7.5 to 40 KVA – 3Ø in/1Ø out

Specifications

| | |
|-------------------------------|-------------------------------------|
| Input Voltage | Three Phase |
| Voltage range | 340 to 460 V |
| Frequency | 45-55 Hz |
| INVERTER | |
| Output Wave Form | Pure Sine Wave |
| Output voltage | 220 V |
| Output voltage regulation | +/- 1% |
| Output Frequency | 50Hz +/- 0.01% |
| Output Isolation | Galvanic Isolation |
| Power Factor | 0.8 to unity |
| THD | Less than 3% |
| Technology | Micro Controller based Hi Freq. PWM |
| Overload Capacity | 110% |
| Crest Factor | 4:1 |
| Transient Recovery | Within 3 cycle |
| BATTERY CHARGER | |
| Charger Type | Constant Voltage Constant Current |
| Charging Mode | Trickle, Float & Boost |
| OPERATING CONDITIONS | |
| Operating Temperature | 0-45° C |
| Humidity | 90% Non Condensing |
| Noise Level | Less than 45dB |
| RESPONSE TIME | |
| Transfer Time | 0 ms |
| DIMENSIONS (W x L x H) | |
| 7.5 - 15KVA | 450 mm x 600 mm x 800 mm |
| 20, 25, 30 & 40KVA | 450 mm x 800 mm x 825 mm |



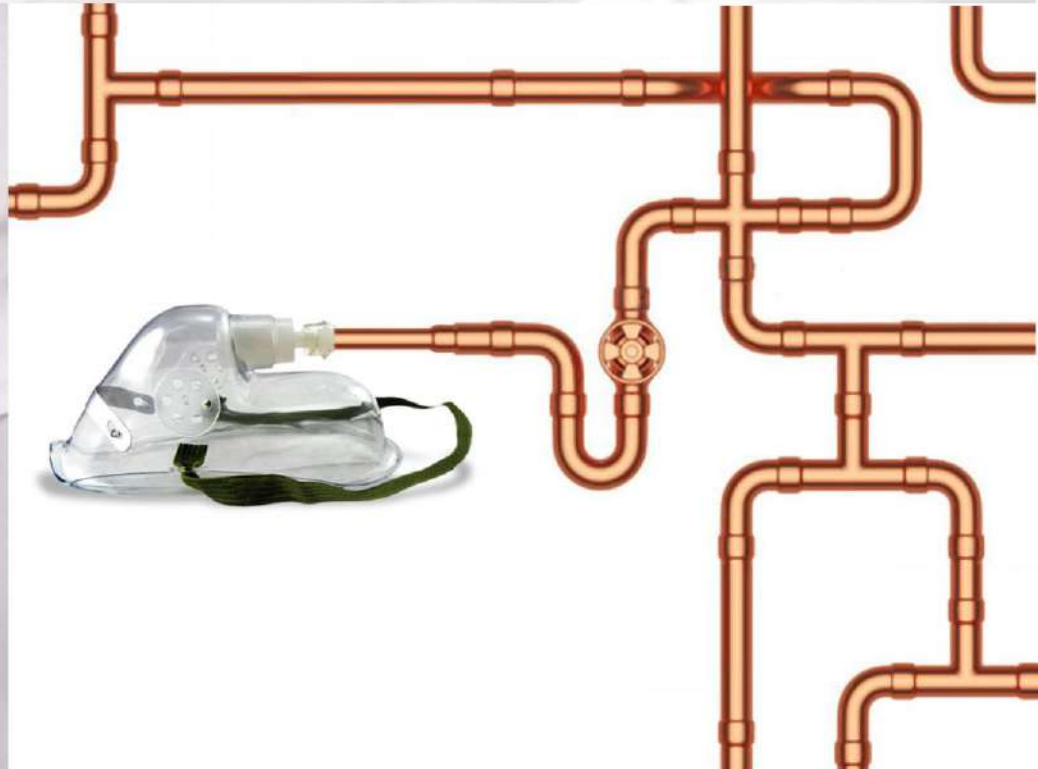
With External Battery

10 to 300 KVA – 3Ø in/3Ø out

Specifications

| | |
|-------------------------------|-------------------------------------|
| Input Voltage | Three Phase |
| Voltage range | 340 to 460 V |
| Frequency | 45-55 Hz |
| INVERTER | |
| Output Wave Form | Pure Sine Wave |
| Output voltage | 415 V/400 V/380 V |
| Output voltage regulation | +/- 1% |
| Output Frequency | 50Hz +/- 0.01% |
| Output Isolation | Galvanic Isolation |
| Power Factor | 0.8 to unity |
| THD | Less than 3% |
| Technology | Micro Controller based Hi Freq. PWM |
| Overload Capacity | 110% |
| Crest Factor | 4:1 |
| Transient Recovery | Within 3 cycle |
| BATTERY CHARGER | |
| Charger Type | Constant Voltage Constant Current |
| Charging Mode | Trickle, Float & Boost |
| OPERATING CONDITIONS | |
| Operating Temperature | 0-45° C |
| Humidity | 90% Non Condensing |
| Noise Level | Less than 45dB |
| RESPONSE TIME | |
| Transfer Time | 0 ms |
| DIMENSIONS (W x L x H) | |
| 10, 15, 20 & 25KVA | 450 mm x 800 mm x 825 mm |
| 30 - 60KVA | 500 mm x 1020 mm x 910 mm |

Breath Safe



Material Analysis

Material Grade: Phosphorus de-oxidised copper; Cu-DHP or CW024A Minimum Copper Content 99.90 % (including silver), Phosphorus 0.015-0.040 %

Copper Melting Point: 1083°C

Copper Density: 8.9 gm/cc

Temper Condition: Half Hard (R250)

Tensile strength: 250 MPa minimum.

Elongation: 30% minimum.

Hardness (Indicative) at HV 5 scale: 75 to 100

Cleanliness: Maximum total carbon content 0.20 mg/dm². The determination of lubricant residue as total carbon is carried out with the help of Carbon Determinator using reference method described in EN 723. (Combustion Method)

Freedom from defect test: 100% Tubes are subjected to an Eddy Current Test for detection of local defects in accordance with EN:1971

Packaging: Each tube individually end capped, polythene wrapped in bundles and sealed.

Marking: Sizes 12 -108mm Mexflow Copper Tubes are marked with: (Both Durable and Permanent Marking)

- Tube size
- BSI Kite mark/ Lloyds (as per order)
- EN 13348
- Temper (Half Hard R250)
- Manufacturer
- Date & Batch Code 12mm to 108mm sizes are also inkjet marked with additional data to enable traceability

Dimensions and Tolerances

| Outside Diameter | | | | Wall Thickness | | | WT / MTR |
|------------------|-----------|---------|---------|----------------|---------|---------|----------|
| OD x WT | Tolerance | Minimum | Maximum | Tolerance | Minimum | Maximum | KG |
| mm x mm | mm | mm | mm | mm | mm | mm | |
| 12.00 x 1.00 | +/-0.04 | 11.960 | 12.040 | +/-0.100 | 0.900 | 1.100 | 0.309 |
| 15.00 x 0.70 | +/-0.04 | 14.960 | 15.040 | +/-0.070 | 0.630 | 0.770 | 0.281 |
| 15.00 x 0.90 | +/-0.04 | 14.960 | 15.040 | +/-0.090 | 0.810 | 0.990 | 0.357 |
| 15.00 x 1.00 | +/-0.04 | 14.960 | 15.040 | +/-0.100 | 0.900 | 1.100 | 0.393 |
| 22.00 x 0.90 | +/-0.05 | 21.950 | 22.050 | +/-0.090 | 0.810 | 0.990 | 0.534 |
| 22.00 x 1.00 | +/-0.05 | 21.950 | 22.050 | +/-0.100 | 0.900 | 1.100 | 0.590 |
| 28.00 x 0.90 | +/-0.05 | 27.950 | 28.050 | +/-0.090 | 0.810 | 0.990 | 0.685 |
| 28.00 x 1.00 | +/-0.05 | 27.950 | 28.050 | +/-0.100 | 0.900 | 1.100 | 0.759 |
| 35.00 x 1.20 | +/- 0.06 | 34.940 | 35.060 | +/- 0.120 | 1.080 | 1.320 | 1.140 |
| 42.00 x 1.20 | +/-0.06 | 41.940 | 42.060 | +/-0.120 | 1.080 | 1.320 | 1.376 |
| 54.00 x 1.20 | +/- 0.06 | 53.940 | 54.060 | +/- 0.120 | 1.080 | 1.320 | 1.780 |
| 76.10 x 1.50 | +/- 0.07 | 76.030 | 76.170 | +/- 0.225 | 1.275 | 1.725 | 3.144 |
| 108.00 x 1.50 | +/- 0.07 | 107.930 | 108.070 | +/- 0.225 | 1.275 | 1.725 | 4.489 |
| 133.00 x 1.50 | +/- 0.20 | 132.800 | 133.200 | +/- 0.225 | 1.275 | 1.725 | 5.543 |

Table 2- Nominal outside diameters and wall thickness as per BS EN 13348
value in millimeters

| Nominal Outside | Nominal Wall Thickness | | | | | | | | |
|-----------------|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0,7 | 0,8 | 0,9 | 1,0 | 1,2 | 1,5 | 2,0 | 2,5 | 3,0 |
| d | | | | | | | | | |
| 6 | --- | --- | --- | X | --- | --- | --- | --- | --- |
| 8 | --- | R | --- | R | --- | --- | --- | --- | --- |
| 10 | --- | R | --- | R | --- | --- | --- | --- | --- |
| 12 | --- | X | --- | R | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | X | --- | --- | --- | --- | --- |
| 15 | R | --- | --- | R | X | --- | --- | --- | --- |
| 16 | --- | --- | --- | X | --- | --- | --- | --- | --- |
| 18 | --- | --- | --- | R | X | --- | --- | --- | --- |
| 22 | --- | --- | R | R | X | R | --- | --- | --- |
| 28 | --- | --- | R | R | X | R | --- | --- | --- |
| 35 | --- | --- | --- | X | R | R | X | --- | --- |
| 42 | --- | --- | --- | X | R | R | X | --- | --- |
| 54 | --- | --- | --- | X | R | R | R | --- | --- |
| 64 | --- | --- | --- | --- | --- | --- | R | --- | --- |
| 66,7 | --- | --- | --- | --- | R | --- | R | --- | --- |
| 70 | --- | --- | --- | --- | --- | --- | X | --- | --- |
| 76,1 | --- | --- | --- | --- | --- | R | R | --- | --- |
| 80 | --- | --- | --- | --- | --- | --- | X | --- | --- |
| 88,9 | --- | --- | --- | --- | --- | --- | R | --- | --- |
| 104 | --- | --- | --- | --- | --- | --- | X | --- | --- |
| 108 | --- | --- | --- | --- | --- | R | --- | R | --- |
| 133 | --- | --- | --- | --- | --- | --- | --- | --- | X |

R Indicates the European recommends dimensions
X Indicates other european dimension

*The importance of Half Hard Tempered Copper Tubes in MGPS

Half Hard Temper R250 Copper Tubes are resistant to long time stress cracking unlike Hard drawn copper tubes R290. Half hard copper tubes (R250 temper) can easily be adapted to be installed on uneven surfaces.

While conveying any fluid (Gas or liquid) through any pipe line there is "Humming phenomenon i.e. hammering action / vibration of pipeline while in use. This action is absorbed by Half Hard tube or soft tube only. Joints may break if Hard Drawn Copper Tube is used. This will adversely affect the functioning of hospital as a whole. Similar effect can occur during earth quakes.

Temperature difference in the Copper Pipeline (Oxygen flow online/Off Line & Seasonal Temperature difference). Co-efficient Expanding & Contracting the Copper or any other metal. If metal is Half Hard or Annealed, the Expansion & Contraction is absorbed by the metal due to inherent ductility.

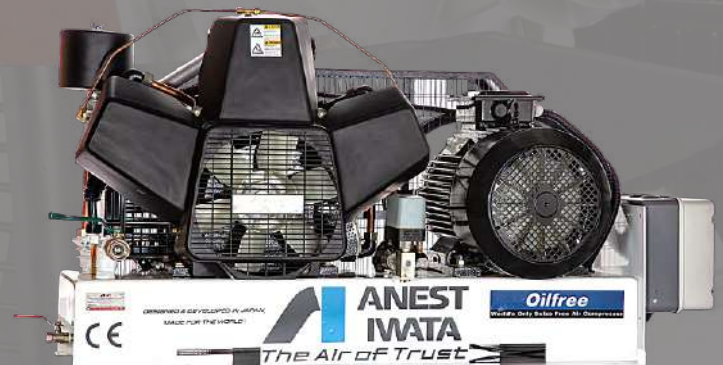
HARD DRAWN TUBES ON THE OTHER HAND CANNOT WITHSTAND EXPANSION & CONTRACTION



“DESIGNED AND DEVELOPED IN JAPAN
MADE FOR THE WORLD”

Oil Free Reciprocating Air Compressor

The Air of Trust



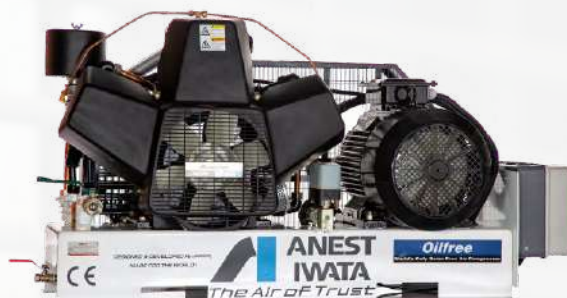
Anything else is a
COMPROMISE!

100% Oil Free Reciprocating Compressors

Single Stage Oil Free Compressor
Base Mounted



Two Stage Oil Free Compressor
Base Mounted



Single Stage Oil Free Compressor
Tank Mounted



Two Stage Oil Free Compressor
Tank Mounted



Duplex Oil Free Compressor



Technical Specifications

| <u>Tank Mounted</u> | | | | | | | | |
|--|--------|---------|---------------------|--------------------|-----------|---------------|-----------------|-------------|
| Model | Stage | Power | Piston Displacement | Operating Pressure | Tank Size | Dimensions | Weight (Approx) | Outlet size |
| | | hp | CFM | BAR | Liters | LxWxH (mm) | Kg | Inch |
| TFS05C-7-2E | Single | 0.5 | 3.1 | 7 | 20 | 480x455x645 | 38 | 1/2" |
| TFS10C-9-4E | Single | 1 | 5.3 | 8.5 | 40 | 880x355x660 | 70 | 1/2" |
| TFS10C-9-9E | Single | 1 | 5.3 | 8.5 | 90 | 1305x385x705 | 80 | 1/2" |
| TFS20C-9-9E | Single | 2 | 9.4 | 8.5 | 90 | 1305x380x830 | 100 | 1/2" |
| TFS20C-9-18E | Single | 2 | 9.4 | 8.5 | 180 | 1580x455x925 | 130 | 1/2" |
| TFS30C-9-9E | Single | 3 | 14.6 | 8.5 | 90 | 1305x440x855 | 125 | 1/2" |
| TFS30C-9-18E | Single | 3 | 14.6 | 8.5 | 180 | 1580x475x1000 | 155 | 1/2" |
| TFS50C-9-18E | Single | 5 | 22.9 | 8.5 | 180 | 1580x475x1005 | 170 | 1/2" |
| TFS50C-9-22E | Single | 5 | 22.9 | 8.5 | 220 | 1590x515x1075 | 195 | 3/4" |
| TFS50C-9-28E | Single | 5 | 22.9 | 8.5 | 280 | 1600x565x1120 | 225 | 3/4" |
| TFT75C-9-22E | Two | 7.5 | 24.5 | 8.5 | 220 | 1590x530x1110 | 245 | 3/4" |
| TFT75C-9-28E | Two | 7.5 | 24.5 | 8.5 | 280 | 1600x570x1155 | 275 | 3/4" |
| TFT75C-9-50E | Two | 7.5 | 24.5 | 8.5 | 500 | 1910x670x1260 | 335 | 3/4" |
| TFT100C-9-22E | Two | 10 | 36.7 | 8.5 | 220 | 1590x565x1105 | 275 | 3/4" |
| TFT100C-9-28E | Two | 10 | 36.7 | 8.5 | 280 | 1600x600x1150 | 295 | 3/4" |
| TFT100C-9-50E | Two | 10 | 36.7 | 8.5 | 500 | 1910x670x1255 | 365 | 3/4" |
| TFT150C-9-28E | Two | 15 | 57.2 | 8.5 | 280 | 1600x770x1145 | 335 | 3/4" |
| TFT150C-9-50E | Two | 15 | 57.2 | 8.5 | 500 | 1910x830x1245 | 400 | 3/4" |
| <u>Base Mounted</u> | | | | | | | | |
| BFS 10D-9E | Single | 1 | 5.3 | 8.5 | N.A | 1212x450x436 | 250 | 3/4" |
| BFS 20D-9E | Single | 2 | 9.4 | 8.5 | N.A | 1012x450x554 | 250 | 3/4" |
| BFS 30D-9E | Single | 3 | 14.6 | 8.5 | N.A | 1117x563x598 | 300 | 3/4" |
| BFS 50D-9E | Single | 5 | 22.9 | 8.5 | N.A | 1117x563x658 | 320 | 3/4" |
| BFT 75D-9E | Two | 7.5 | 24.5 | 8.5 | N.A | 1394x646x741 | 350 | 3/4" |
| BFT 100D-9E | Two | 10 | 36.7 | 8.5 | N.A | 1398x646x727 | 400 | 3/4" |
| BFT 150D-9E | Two | 15 | 57.2 | 8.5 | N.A | 1391x646x727 | 500 | 1" |
| <u>Vertical Base Mounted (DUPLEX)</u> | | | | | | | | |
| BFS 100DV-9E | single | 5+5 | 45.8 | 8.5 | N.A | 1300x609x1576 | N.A | 3/4" |
| BFT 150DV-9E | Two | 7.5+7.5 | 49 | 8.5 | N.A | 1600x620x1660 | N.A | 3/4" |
| BFT 200DV-9E | Two | 10+10 | 73.4 | 8.5 | N.A | 1800x810x1260 | 600 | 1-1/2" |
| BFT 300DV-9E | Two | 15+15 | 114.4 | 8.5 | N.A | 1800x810x1260 | 650 | 1-1/2" |

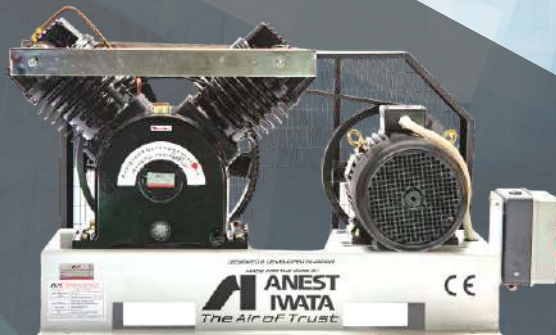
Note:-

- All models upto 3 HP also available with single phase motor
- Duplex compressors mounted on base frame (10 hp to 30 hp)
- Vertical tanks are also available from 500 to 5000 liters
- All performance parameters are as per JIS (Japanese Industrial Standards)

**“DESIGNED AND DEVELOPED IN JAPAN
MADE FOR THE WORLD”**

Lubricated Reciprocating Vacuum Pump

**Next Generation
Technology.**



Anest Iwata Motherson

Anest Iwata Motherson (AIM) is a joint venture between Anest Iwata Corporation, Japan and Motherson Group, India. Anest Iwata Corporation is one of the global leaders in Air Compressors and Vacuum Pumps with more than 9 decades of inspiring history of technological excellence.

Anest Iwata Motherson is committed to delight its customers by ensuring supply of the best quality products, supported with effective after sales services at optimum value. The company has two state-of-the-art manufacturing facilities and a wide network of sales and service centres spread across India.

Salient Features

- Cast iron design for durability and long life
- Specially designed Stainless Steel Manifold
- Low noise - Ideal for Hospital applications
- Higher efficiency resulting in power saving
- Low oil carry over and low maintenance cost
- Compact and easy to install - No foundation required
- Special honing of cylinders resulting in low friction between cylinders and pistons

Major Applications

Hospitals

Laboratories

Food Processing

Packaging

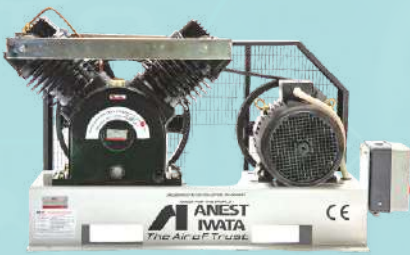
Dairy

Dental

Paper & Printing



Technical Specifications



Base Mounted

| Model | No. of Cylinders | Piston Displacement | | Vacuum (Hg) | | Power | | Dimensions L x W x H (mm) | Weight (Approx) Kg | Outlet Size (Inch) |
|----------------|------------------|---------------------|-------|-------------|-----|-------|-----|------------------------------|-----------------------|-----------------------|
| | | LPM | CFM | Inch | mm | hp | Kw | | | |
| BVLS 20DE (A) | 2 | 984 | 35 | 29.4 | 745 | 2 | 1.5 | 1200 x 570 x 615 | 115 | 1" |
| BVLS 30DE (A) | 2 | 1135 | 40 | 29.4 | 745 | 3 | 2.2 | 1200 x 570 x 615 | 125 | 1" |
| BVLS 50DE (A) | 2 | 1707 | 60.3 | 29.4 | 745 | 5 | 3.7 | 1200 x 570 x 615 | 185 | 1" |
| BVLS 75DE (A) | 2 | 3141 | 111 | 29.4 | 745 | 7.5 | 5.6 | 1275 x 605 x 705 | 220 | 1- 1/2 " |
| BVLS 100DE (A) | 3 | 4320 | 152.6 | 29.4 | 745 | 10 | 7.4 | 1375 x 605 x 800 | 260 | 1- 1/2 " |

Tank Mounted

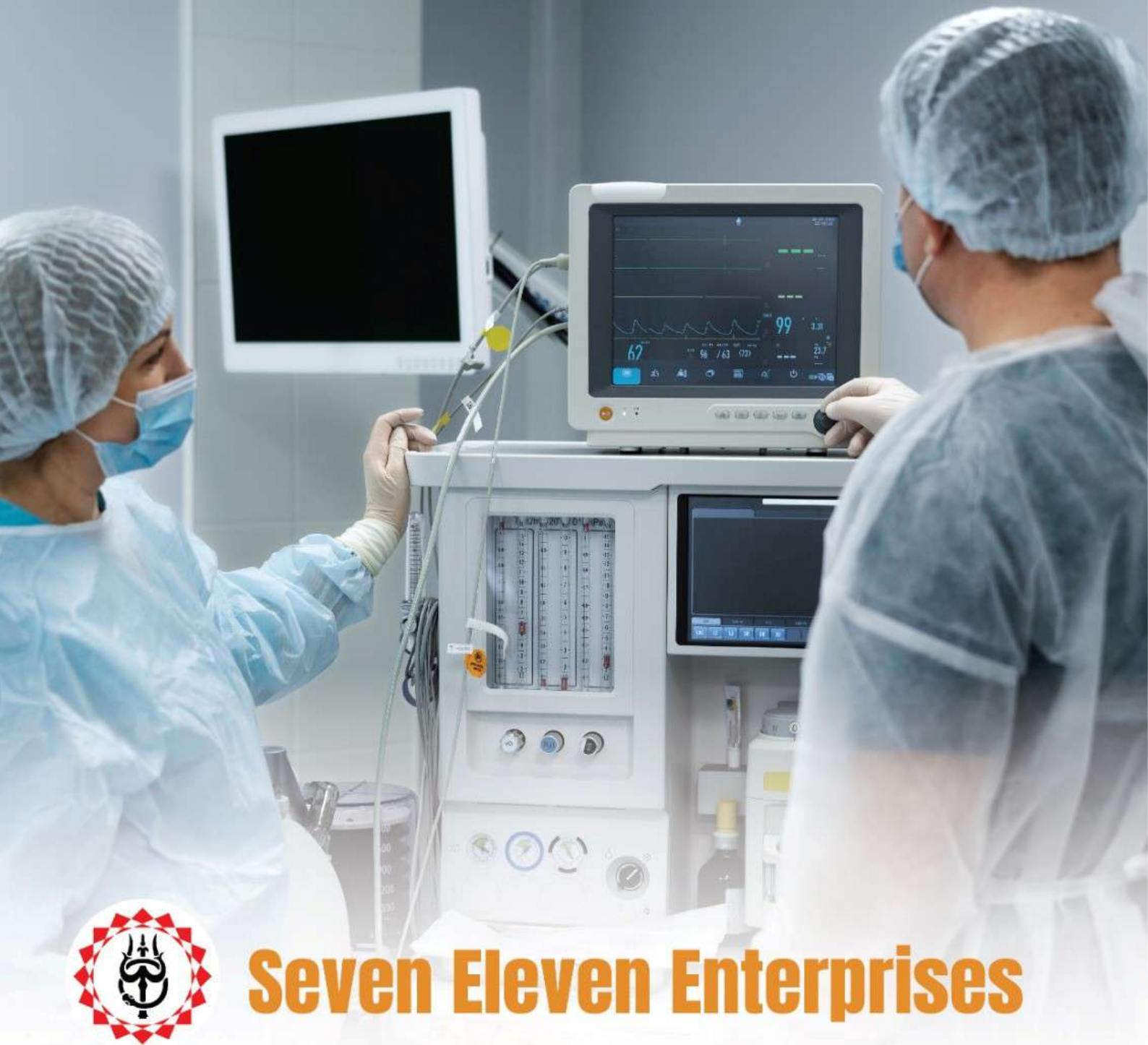
| Model | No. of Cylinders | Piston Displacement | | Vacuum (Hg) | | Power | | Tank Size Liters | Dimensions L x W x H (mm) | Weight (Approx) Kg | Outlet Size (Inch) |
|----------------|------------------|---------------------|------|-------------|-----|-------|-----|---------------------|------------------------------|-----------------------|-----------------------|
| | | LPM | CFM | Inch | mm | hp | Kw | | | | |
| TVLS 20D - 28E | 2 | 984 | 35 | 29.4 | 745 | 2 | 1.5 | 280 | 1560 x 565 x 1115 | 260 | 1" |
| TVLS 20D - 50E | 2 | 984 | 35 | 29.4 | 745 | 2 | 1.5 | 500 | 1860 x 670 x 1250 | 325 | 1" |
| TVLS 30D - 28E | 2 | 1135 | 40 | 29.4 | 745 | 3 | 2.2 | 280 | 1560 x 565 x 1115 | 265 | 1" |
| TVLS 30D - 50E | 2 | 1135 | 40 | 29.4 | 745 | 3 | 2.2 | 500 | 1860 x 670 x 1250 | 330 | 1" |
| TVLS 50D - 28E | 2 | 1707 | 60.3 | 29.4 | 745 | 5 | 3.7 | 280 | 1560 x 565 x 1115 | 280 | 1" |
| TVLS 50D - 50E | 2 | 1707 | 60.3 | 29.4 | 745 | 5 | 3.7 | 500 | 1860 x 670 x 1250 | 345 | 1" |

Note:- All BVLS Models with (A) are special package available with additional accessories (Silencer, Vacuum Switch, Vacuum gauge, Line Filter)

- In single stage configuration, 745mm (29" HG) vacuum at sea level can be achieved
- Supply options: Complete functional unit with Base mounted and Tank mounted options
- All performance parameters are as per JIS (Japanese Industrial Standards)

Disclaimer : - All pictures shown are for illustration purpose only. Actual product may vary due to continuous product enhancement.

A PRODUCT OF **HEALTHCARE**



Seven Eleven Enterprises

Tel. No.: +91-9540031900, 9540577711
E-mail: sevenelevener711@gmail.com
Office: A-303, 3rd Floor, Rajhans Plaza, Ahinsa Khand-1,
Indrapuram, Ghaziabad, (UP)-201014
Regd. Office: B-401, Rajhans Apts., Opp. Aditya Mall, Ahinsa
Khand-1, Indrapuram, Ghaziabad. (UP)-201014
