Made in Italy

**md** ®

www.md-srl.it

# Terminal units type UNI 9507

ITALCERT  CE 0426

### IDENTIFICATION

► Terminal units for compressed medical gases and vacuum, type UNI 9507

► Base block equipped with fitting for pipe welding with mechanical seal or hose connector

► Base block in brass with check valve that stops the pressurized gas flow, equipped with plug for gas system leakage tests

► Base block with provision for connection to earth bonding hub

► Outlet in nickel-plated brass

► Package including M5 fixing screws (no. 3)

► Facility for wall mounting in recessed box surface box or in bed head panels and pendants

► Laser-engraved production lot and product code

### CE MARKING

Notified body: CE 0426
CE marking in risk class II B in accordance with Legislative Decree 24 February 1997, no. 46 "Implementation of Directive 93/42/EEC, concerning Medical Devices" and further modifications
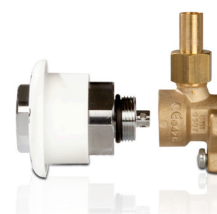
### REFERENCE STANDARD

**ISO 9170-1:** "Terminal units for medical gas pipeline systems - Part1: Terminal units for use with compressed medical gases and vacuum"

**ISO 7396-1:** "Medical gas pipeline systems - Part 1: Pipeline systems for compressed medical gases and vacuum"

**UNI 9507:** "Medical gas pipeline sytems - Terminal units"

**ISO 15001**: "Anaesthetic and respiratory equipment. Compatibility with oxygen"

\* Validity of the standards is referred to the current year

► Gases: Oxygen, Medical Air, Nitrous Oxide, Vacuum, Carbon Dioxide, Instrument Air
► Storage temperature: -20 °C ÷ +60 °C
► Working temperature: +10 °C ÷ +40 °C

► NBR seal between base block and outlet
► Connection with welding pipe  Øe=10 mm
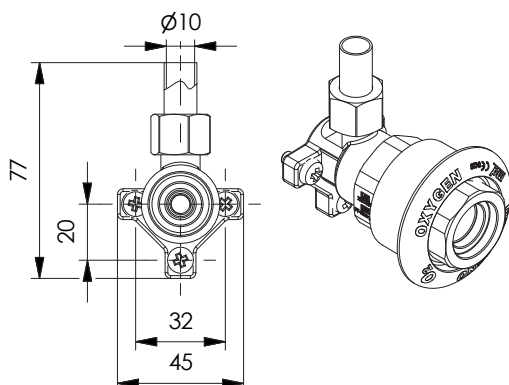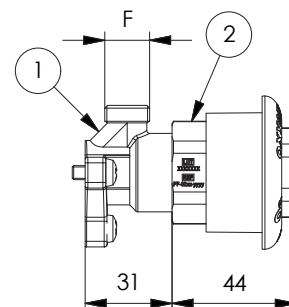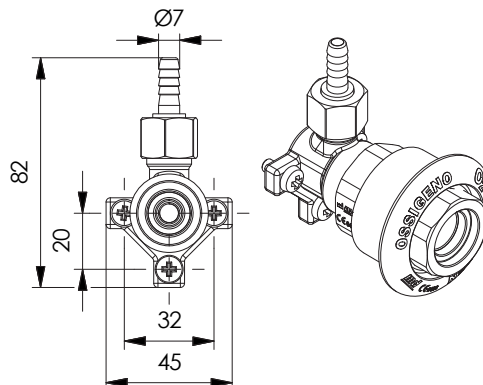► Hose connector for flexible hose Øi= 6 ÷ 6,5 mm

# Terminal units type UNI 9507

ITALCERT CE 0426

## DIMENSIONS

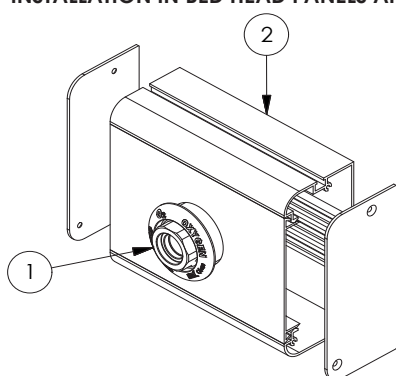### BASE BLOCK WITH WELDING FITTING



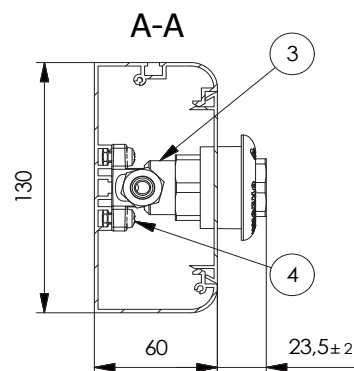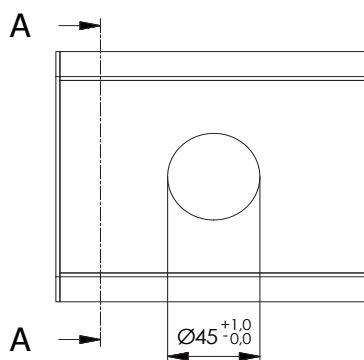### BASE BLOCK WITH HOSE BARB



**KEY:**
1. Base block
2. Outlet

### INSTALLATION IN BED HEAD PANELS AND PENDANTS



Ø45 +1,0 -0,0

A-A

**KEY:**
1. UNI 9507 Outlet
2. Extruded profile AQ-3400-xxxx (on request)
3. UNI 9507 Base block
4. M5 Screws (No. 3 included)

## BASE BLOCK

| CODE | CONNECTION TYPE | GAS | NOMINAL PRESSURE bar | F | PACKAGING type | kg | pcs |
|---|---|---|---|---|---|---|---|
| PF-01US-00O2 | Welding fitting Ø10 | $O_2$ | $4^{+1,0}_{-0,0}$ | M16 x 1,25 | bag | 0.21 | 1 |
| PF-01UP-00O2 | Hose barb | | | | | | |
| PF-01US-000V | Welding fitting Ø10 | Vacuum | $\leq -0,4$ | M16 x 1 sx | bag | 0.21 | 1 |
| PF-01UP-000V | Hose barb | | | | | | |
| PF-01US-00AC | Welding fitting Ø10 | Medical Air | $4^{+1,0}_{-0,0}$ | M18 x 1 sx | bag | 0.17 | 1 |
| PF-01UP-00AC | Hose barb | | | | | | |
| PF-01US-0N2O | Welding fitting Ø10 | $N_2O$ | $4^{+1,0}_{-0,0}$ | M18 x 1,25 | bag | 0.19 | 1 |
| PF-01UP-0N2O | Hose barb | | | | | | |
| PF-01US-0CO2 | Welding fitting Ø10 | $CO_2$ | $4^{+1,0}_{-0,0}$ | M 22 x 1,5 | bag | 0.19 | 1 |
| PF-01UP-0CO2 | Hose barb | | | | | | |
| PF-01US-0AC8 | Welding fitting Ø10 | Instrument Air | $8^{+1,0}_{-0,0}$ | M17 x 1,5 sx | bag | 0.19 | 1 |
| PF-01UP-0AC8 | Hose barb | | | | | | |

## OUTLET

| CODE | GAS | NOMINAL PRESSURE bar | PACKAGING type | kg | pcs |
|---|---|---|---|---|---|
| PF-02UU-50O2 | Oxygen | $4^{+1,0}_{-0,0}$ | bag | 0.21 | 1 |
| PF-02UU-500V | Vacuum | $\leq -0,4$ | bag | 0.21 | 1 |
| PF-02UU-50AC | Medical Air | $4^{+1,0}_{-0,0}$ | bag | 0.17 | 1 |
| PF-02UU-5N2O | Nitrous Oxide | $4^{+1,0}_{-0,0}$ | bag | 0.19 | 1 |
| PF-02UU-5CO2 | Carbon Dioxide | $4^{+1,0}_{-0,0}$ | bag | 0.19 | 1 |
| PF-02UU-5AC8 | Instrument Air | $8^{+1,0}_{-0,0}$ | bag | 0.19 | 1 |