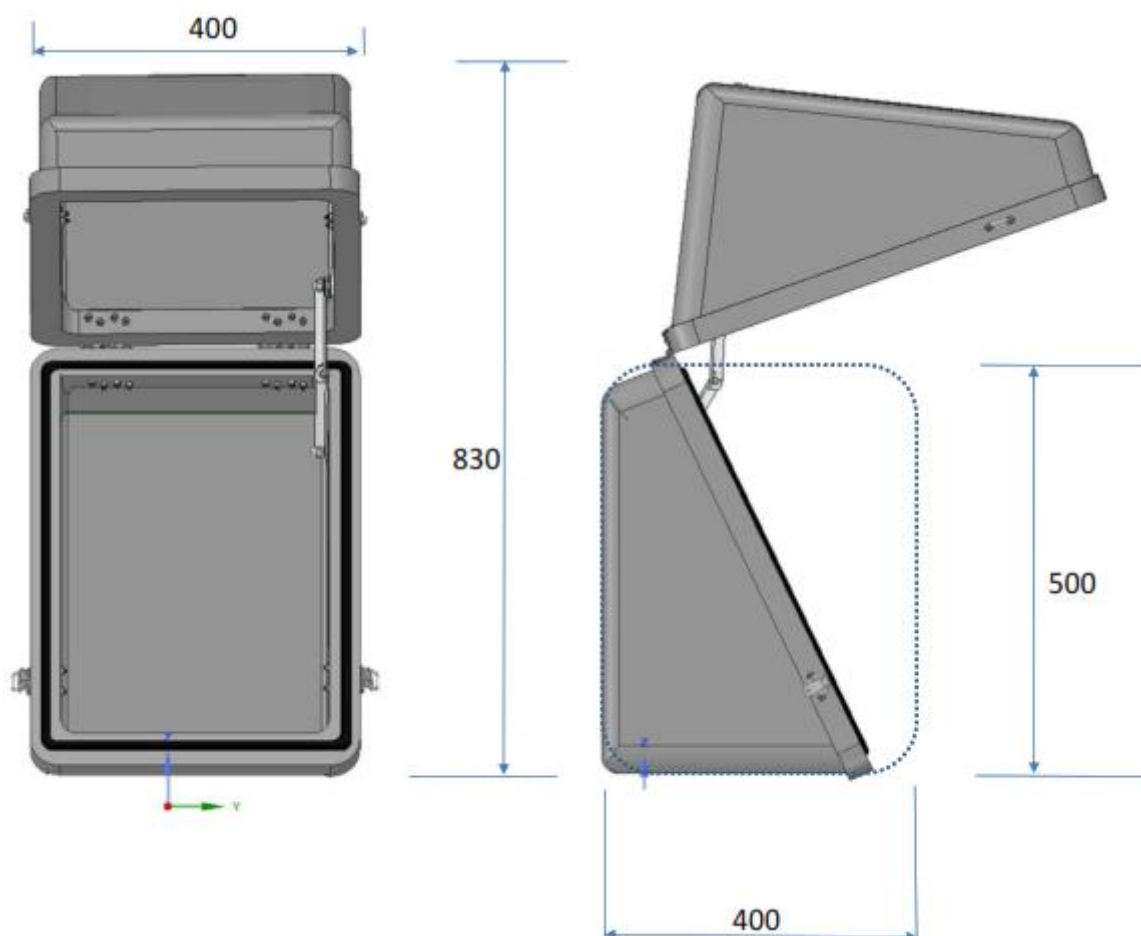


Model 22-1A and Model 44-1A

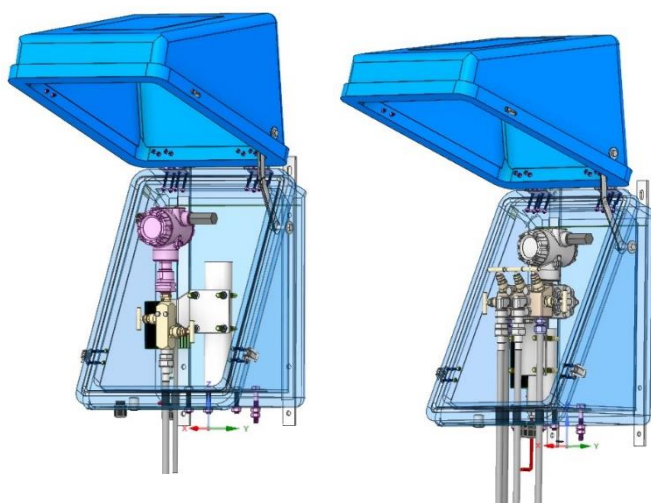
Instrument enclosure for single or double/triple instruments

Standard materials	
Material	PURSI (basis of polyurethane) high-performance material
General Properties	corrosion resistant, non absorption of hydrocarbons, resists almost all chemicals in industrial environments, acids, and alkalis. Very stable.
Protection rating	IP65 according to BS 5490/IEC 529
Temperature range	-55°C to + 80°C
Impact resistant	BS 5501
Area classification	ATEX II3G Ex IIC T4
Fire retardant	BS476 part 7 class 2 and self extinguishing (class 1)
Anti static	BS5501 (in case of standard colour dark grey) Conductivity Minimum $10^{-7}\Omega$
Wall Thickness	15mm, which offers perfect thermal insulation for very low ambient temperatures, additional insulation is NOT required.
Accuracy	100% in dimensions
Type	split diagonal design (two-parts) for easy opening and creates easy accessibility to the installed instruments.
Surface finish	satin gloss external (UV resistant) and internal finish
Colour	Standard Dark grey, similar to RAL 7016 (BS4800, 10-A-03) , other colours upon request

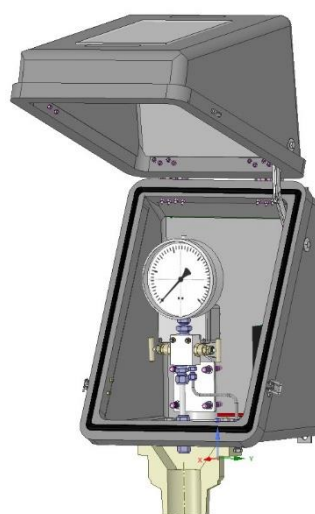
MODEL DIMENSIONS



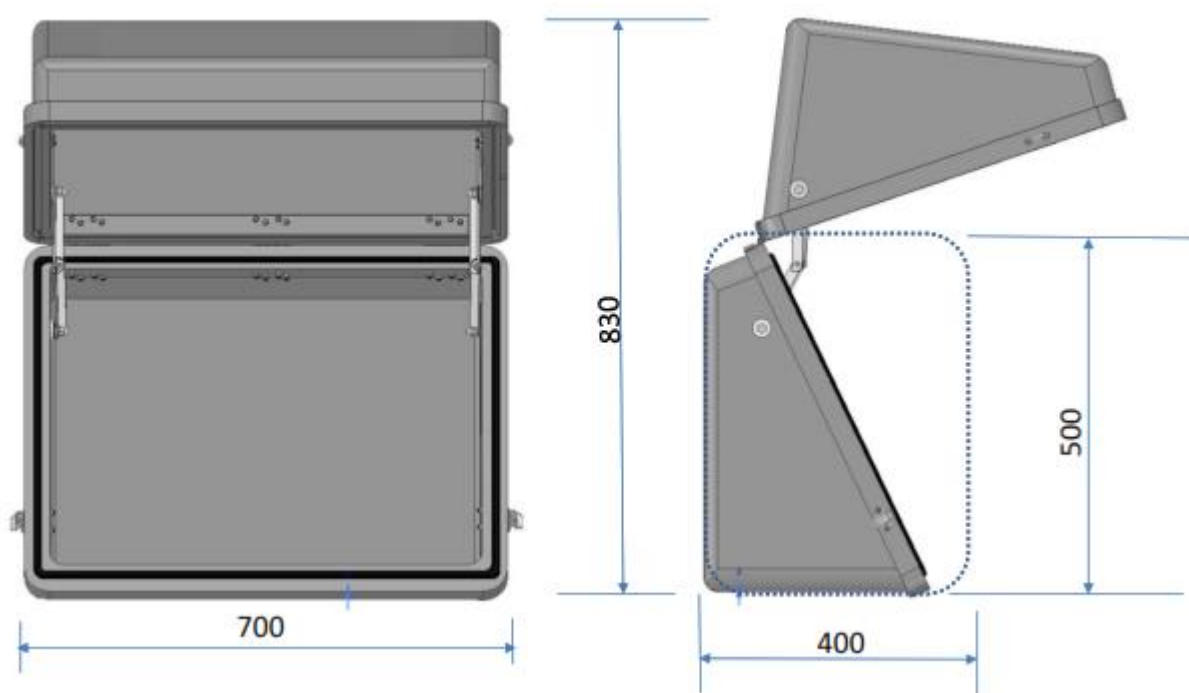
Model 22-1A



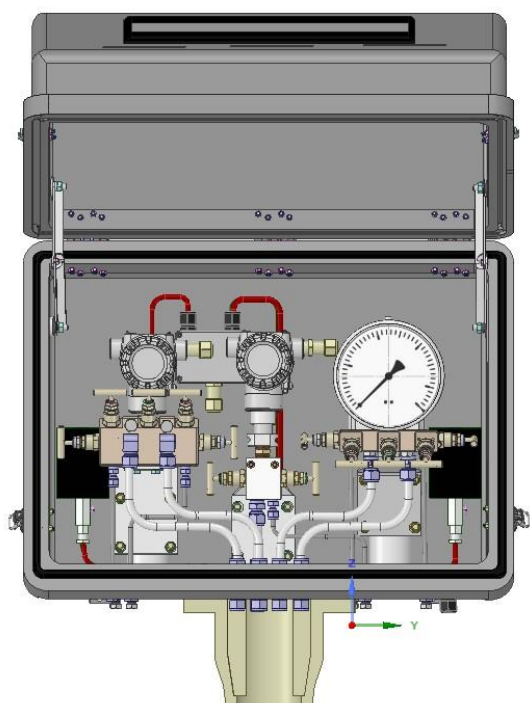
Enclosure with Internal pipe stand, manifold, Ex heating and instrument tubing



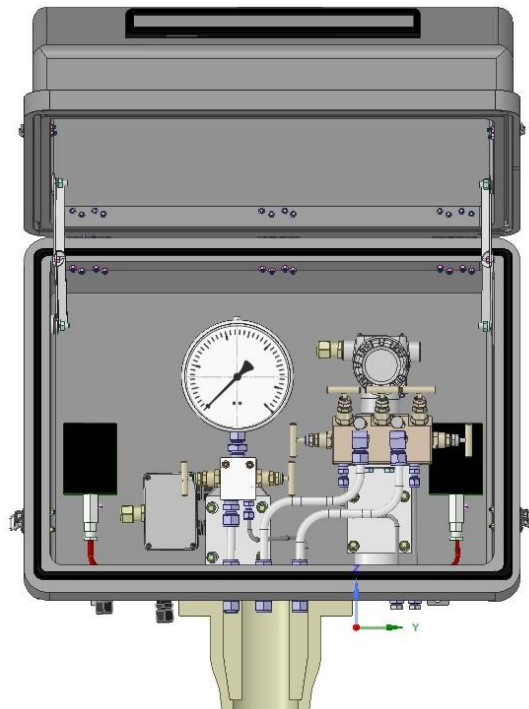
Enclosure with manifold, Pressure gage, instrument and Ex heating



Model 44-1A



Enclosure with Internal pipe stands, 3 manifolds, Ex heating and instrument tubing



Enclosure with Internal pipe stands, 2 manifolds, instruments and Ex heating

Enclosure type

- 22 Single instrumented (PURSI) Enclosure (Diagonal design), IP65, dim. 400x400x500mm (WxDxH)
- 44 Double instrumented(PURSI) Enclosure (Diagonal design), IP65, dim. 700x400x500mm (WxDxH)
- 32 Stainless steel 316 Enclosure (Diagonal design), IP65, dim. 450x450x550mm (WxDxH)
- 36 Stainless steel 316 Enclosure (Diagonal design), IP65, dim. 700x600x550mm (WxDxH)
- 100 Half Body GRP enclosure for modular mounting solutions, IP65, dim. 300x320x275mm (WxDxH)
- 165 Half Body GRP enclosure for modular mounting solutions, IP65, dim. 320x295x200mm (WxDxH)

Enclosure size

- 1A large size (standard size)

Window option

- 0 no window (blind)
- W Safety glass window

Insulation option

- INS Standard included, not specifically mentioned or coded due to a 15mm thickness wall

General options, internal and external

- AS Anti Static
- IP Internal Post, SS316, H=275MM (standard)
- IP1 Internal Post, SS316, H=110MM
- IMP Internal Mounting Plate, SS316 (integral to BM option)
- PRC 2" Pipe Rail Construction, SS316
- FBR Flanged Brackets , specify flange size and class rating ; Inch lbs
- BM Base Mounted, 2" pipe receiver, SS316
- MMP Modular Mounting Plate (L-Type)
- RMB Rear mounting brackets for 2" pipe mounting, SS316 (Offset from middle)
- RMV Rear mounting vertical strips, SS316
- RMH Rear mounting horizontal strips, SS316
- RMP Rear mounting plate, SS316
- HEB Heater Electrical (Block type)
- HES Heater Electrical (Space type)
- HS Heater steam
- TH Thermostat, setpoint TH- .. / ..
- JB Junction Box
- CJ Cable entries / glands
- D Breather / Drainplug (Ex-e, Material)
- ES Earthing straps
- ER Earthrail + Earthstud M8
- L Labyrinthfilter (set of 2pcs)
- R Removable toplid (4 clasps and hinges)
- S1 Capillary PT pass through wall with EPDM Grommet (single Capillary)
- S2 Capillary DPT pass through wall with EPDM Grommet(double Capillary)
- T Tagplate including scope DGFG

Enclosures Manifold and accessories

- 00 no manifold options
- 02 2-way Imperial Enclosure Manifold, NPT x Flanged (IEC61518), AISI316L / PTFE
- 03 3-way Imperial Enclosure Manifold, NPT x Flanged (IEC61518), AISI316L / PTFE
- 05 5-way Imperial Enclosure Manifold, NPT x Flanged (IEC61518), AISI316L / PTFE
- MM2 2-way Imperial Modular Manifold, NPT x NPT, AISI316L / PTFE , Tamper proof vent valve (5mm key operated)
- MM5 5-way Imperial Modular Manifold for gas metering (H-Profile) , NPT x Flanged, AISI316L / PTFE, Tamper proof vent and equalize valve (5mm key operated)
- I Insulation adapters (to overcome insulation in wall) AISI316L , (Long Nipples MxM)
- F Compression tube fittings Including scope DGF (qty's/type's/O.D.sizes/Brandname/Material as per specification below)
- N Nipple 1/2" NPT (MxM), AISI316(L)

PROJECT EXAMPLES



For additional instrumentation services , procurement and assembly of your instruments
please contact our sales office : sales@dgfg.nl