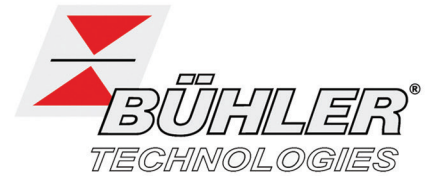




OFFICIAL UK DISTRIBUTORS FOR:



DRM Technic

Suppliers of Gas Analysis Equipment

PC1410 PARTICULATE AND COALESCING FILTER

Model PC 1410 is used in the sample handling of process gas analysis. It is designed for horizontal mounting and can be turned 360°, making all possibilities of gas connection possible. Filter element replacement is easy and fittingless, with many different filter materials being available. Other available options include a bypass circuit, blanking plugs and more.



FEATURES

**Stainless Steel, PVDF and Hastelloy versions available | One body, two filter methods | Easy filter change
Space saving design | Usable at pressures of up to 350 bar and temperatures of up to 200 °C**

SPECIFICATIONS

| Product No. | PC1410 - SS Version | PC1410 - PVDF Version |
|------------------------------|---|-----------------------------------|
| Materials Used | 1.4571-316L SS, PTFE, Viton, Silicate Glass | PVDF, PTFE, Viton, Silicate Glass |
| Max. Pressure | 350 bar | 5 bar |
| Max. Operating Temp. | -20°C/200°C (FKM Viton o-ring) or -50°C/200° | -5°C/80°C |
| Pressure loss at 100 l air/h | 5 mbar (approx.) | 5 mbar (approx.) |
| Dimensions | 6 x 10 cm | 6 x 10 cm |
| Volume | 80 ml | 80 ml |
| Gas Connections | 1/4" NPT female | 1/4" NPT female |
| Installation | Wall or panel mounting | Wall or panel mounting |

MATERIAL OPTIONS



St/St Body - Glass Filter Cap



St/St Body - Glass/Plastic Protector



PVDF Body - Glass Cap



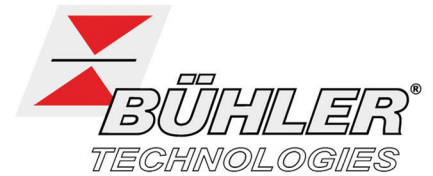
PVDF Body - Glass Protector

CONTACT US: DRM Technic, 4 Cherry Orchard, Newcastle-under-Lyme, Staffordshire, UK, ST5 2UB

DRM/PC1410/26115/001 Tel: +44 (0) 1782 638491 | Email: sales@drmtechnic.com | Web: www.drmtechnic.com DRM/PC1410/26115/001



OFFICIAL UK DISTRIBUTORS FOR:



DRM Technic

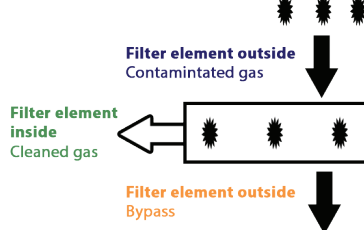
Suppliers of Gas Analysis Equipment

TECHNICAL DRAWINGS

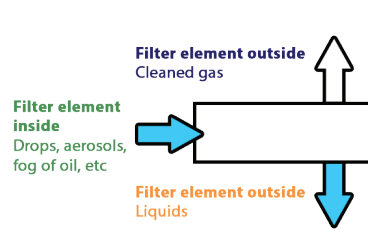
| Product No. | Description |
|-------------------|--|
| PC1410-E | Filter Housing, SS 1.4571-316L body with St/St Cap |
| PC1410-E-D | Filter Housing, SS 1.4571-316L body with Glass (Duran) Cap |
| PC1410-PVDF | Filter Housing, PVDF body with Glass (Duran) Cap |
| On-Request | Filter Housing, PVDF body with Glass (Duran) Cap |
| Filter Elements | |
| FE-P PC1410 | Element for Particulate Filtration. Borosilicate glass - 0.1 µm |
| FE-C PC1410 | Element for Coalescing Filtration. Borosilicate glass - 0.1 µm |
| FE-PTFE PC1410 | Element in PTFE for NO ₂ and SO ₂ gases - 1 µm |
| FE-SS1 PC1410 | St/St Filter Element. SS 1.4401 - 1 µm |
| FE-SS10 PC1410 | St/St Filter Element. SS 1.4401 - 10 µm |
| FE-SS25 PC1410 | St/St Filter Element. SS 1.4401 - 25 µm |
| Options | |
| VS PC1410 | St/St Blanking Plug; used to seal unused gas connection ports |
| MONWI WAMO PC1410 | Wall Mounting Angle Bracket - SS 1.4571 |
| MONWI FROP PC1410 | Panel Mounting Angle Bracket - SS 1.4571 |
| OR PTFE PC1410 | PTFE O-Ring (alternative to FKM O-Ring) |
| On-Request | Chemraz 505 O-Ring (alternative to FKM O-Ring) |
| BS PC1410 | Plexiglas Explosion Protection Cover |
| Spares | |
| OR FKM PC1410 | FKM Viton O-Ring |
| FO DG PC1410 | Replacement Glass Cap |

DIAGRAMS

Schematic diagram of particulate filtration
Flow direction from outside to in



Schematic diagram of coalescing filtration
Flow direction from inside to out



For more information,
please feel free to
contact our
sales department

CONTACT US: DRM Technic, 4 Cherry Orchard, Newcastle-under-Lyme, Staffordshire, UK, ST5 2UB

DRM/PC1410/
261115/001

Tel: +44 (0) 1782 638491 | Email: sales@drmtechnic.com | Web: www.drmtechnic.com

DRM/PC1410/
261115/001