

# Pumps, Vacuum

## Vacuum Pump Accessories and Spares



### Oil Mist Filters

For fitting directly to the pump outlet. Flange connection sizes as indicated.

- PY400-20** EMF3 for E2M0.7 and E2M1.5 pumps. NW10 flange
- PY400-30** EMF10 for RV3, RV5 and RV8 pumps. NW25 flange
- PY400-40** EMF20 for RV12 pumps only. NW25 flange

### Pump Oils

Supplied in packs of 4 litres.

	Grade/Type
<b>PY417-60</b>	TW. A distilled hydrocarbon without additives
<b>PY417-63</b>	Ultragrade 15. A straight mineral oil for cold start applications
<b>PY417-67</b>	Ultragrade 19. A low viscosity mineral oil
<b>PY417-72</b>	Ultragrade 20. A medium viscosity mineral oil

Graduated jugs for charging pumps with oil – see MD749.

### APG 100 Active Pirani Gauge

Measures down to  $10^{-3}$  mbar, with accuracy  $\pm 15\%$  (at <100mbar). NW25 connection. Requires separate display/controller unit for operation.

- PY752-10** APG100-XM/NW25
- PY752-13** Cable for connecting PY752-10 to PY752-25, 1 metre

### TIC Display/Controller

Range 2000 to  $6.6 \times 10^{-10}$  mbar. Automatically recognises PY752-10. With 128 x 64mm backlit graphics display with switchable units (Torr, Pa, Volts). Up to 3 gauges can be monitored at the same time, with alarm setting and RS232/RS485 output for full monitoring and control via the users' PC using software provided. For 90-264V 47/63Hz single phase supplies. Requires a gauge and connection/supply cables for operation.

- PY752-25** TIC display unit
- PY752-27** Mains supply cable for PY752-25
- PY752-29** RS232 interface cable for connection to the users' PC

### Dial Gauges

Capsule type, barometrically compensated. Accuracy  $\pm 5\%$  fsd. In a metal case with 90mm dia dial. With NW16 flange vacuum connection. For panel or pipeline mounting.

- PY760-20** 0 to 50mbar
- PY760-25** 0 to 125mbar

### Clamping Rings

Stainless steel. For connecting gauges, adapters and pipe flanges. Require centring ring seals (PY787) of the same size.

- PY785-04** NW10/16
- PY785-06** NW25

### Centring Ring Seals

Polymer, with nitrile O-ring. For use with PY785-clamping rings of the same size.

- PY787-04** NW10/16
- PY787-06** NW25

### Adapters

Aluminium. NW25 connection.

- PY789-10** Radius elbow, 90°
- PY789-15** T-Piece, 3-way
- PY789-20** Cross, 4-way, 90° between limbs
- PY789-40** Nozzle, for 12mm i.d. tubing

### Valves

NW25 connection. Type and materials as indicated.

- PY792-05** Diaphragm valve, aluminium body, PTFE cup seal
- PY792-09** Ball valve, stainless steel body, PTFE cup seal



PY400-30, -20 and -40 are similar



PY752-10



PY760



PY792-09



PY417



PY752-25



PY792-05



Adapters, seals, rings