

copamateTM
products

***Test Plugs
& Accessories***



Test Plugs

Copamate products test plugs are offered in many alternatives to meet all your applications.

Suitable Applications

- Water
- Gas

All Test Plugs

- DN8 38mm long 1/4" BSP/NPT Thread
- Extension pieces are available for additional length

Materials

Body: Brass DZR *SS316 available

Core: EPDM (water) - Nitrile (gas)

Tie: Polyethylene

Gas Test Plugs

AGA Approved: Lic No. 7667

Temperature Range: Max + 90°C

Max Working Pressure: 3500kPa

Tie Colour: Yellow

* 1.6mm Probe must be used

Water Test Plugs

Temperature Range: Max + 120°C

Max Working Pressure: 2500kPa

Tie Colour: Blue

* 1.6mm or 3mm Probe can be used



PTBG-Y



TBW-B

Test Probes

Copamate probes are designed to measure pressure of differential pressure.

Benefits

- Manufactured from quality materials
- 90° right angle probe is designed to allow easy access to obstructed areas
- Designed to pass through standard test point
- Pressure readings obtained by connecting the probe to a gauge (pressure, differential pressure or manometer)
- Customised probes available
- Supplied with polymer protective shield

Materials

Cap / Body: Brass

Probe: 316/304 Stainless Steel

Protective Shield: Polymer

Probe Dia.	Straight	90° Right
1.6mm	PTP1.6	PTP1.6R
3mm	PTP3	PTP3R



Extension Pieces

Additional Options for your Test Plugs

Copamate extension pieces are designed to allow measurement access for difficult to reach pipelines. We have an extensive range of extension pieces to meet many applications.

Extension Pieces DZR UNS Brass	
Code	Description
TX1	8F & 15 SWEAT 50MM HEX
TX2	8F & 8M 50MM HEX
TX3	8F & 15 SWEAT 21MM HEX
TX4	10M/8F & 15 SWEAT 50MM ROUND
TX5	8F & 8M 65MM HEX

Extension Pieces DZR UNS Brass	
Code	Description
TX6	10M/8F & 15 SWEAT 65MM
TX11	8F & 15 SWEAT 23MM
TX12	8F/10M & 8M 45MM HEX
TX6-1	10M/8F-15 SWEAT HEX P/T TEE
TX6-2	10M/8F-20 SWEAT HEX P/T TEE



TX6



TX4



TX5



TX1



TX2



TX12



TX3



TX11



TX6-2



TX6-1

Pressure Gauge

Specification

Bottom Entry 100mm Dial Liquid Filled Pressure Gauge

Gauge Details	
Dial	100mm
Measurement	Dual Scale kPa / PSI
Case	Stainless Steel
Connection	10mm Brass Male BSP
Liquid Filled	Glycerin

Pressure Ranges Available (Dual Scale)	
kPA Range	PSI Range
0 to 250	0 to 35
0 to 600	0 to 86
0 to 1000	0 to 150
0 to 1600	0 to 230
0 to 2500	0 to 350



Temperature Gauge

Specification

Bottom Entry 80mm Dial (Dry) Temperature Gauge C/w Thermowell

Gauge Details	
Dial	80mm
Measurement	Dual Scale °C / °F
Case	Stainless Steel
Connection	15mm Brass Male BSP
Gauge	DRY
Thermowell	50mm long

Pressure Ranges Available (Dual Scale)	
Deg °C	Deg °F
0 to 120 °C	40 to 250 °F
neg 40 to +70 °C	neg 40 to 160 °F



Manometer

Description

The Comdronic AC6HP meter is an electronic manometer programmed to carry out differential pressure measurements primarily on balancing valves within the HVAC industry. The state of the art software and extensive database of the world's balancing valves allows direct reading of flow, differential pressure, percentage of design flow and target flow.

System accuracy is by the use of carefully selected sensors with resolution and accuracy most appropriate to the range of differential pressures being measured.

The compact and lightweight AC6 includes transducer/display unit, snap connector anti kink tubing with isolation valves, snap connectors for most valves, protective rubber boot, toolkit, quick reference guide and instruction manual.

Differential Pressure

Range: 0.5-20 kPa Accuracy: +/-0.2 kPa
 Range: 20-600 kPa Accuracy: +/-1.0% reading
 Hysteresis 0.2% span

Measurement Range: 0.5 kPa to 600 kPa

Database is Compatible: Over 3500 valves and measuring devices from 60+ manufacturers worldwide.

Effective Operating Time: 20 Hours (normal usage)

Measurement Types: Design flow, target flow, specific gravity, Kvs, valve maker, valve group, valve model, valve size, handwheel position.

Valve Storage: Up to 100 storage locations are available for manually storing valve information on-site. This data can be uploaded to PC if using PcomPRO™. For projects larger than 100 valves use PcomPRO™ project software.



Manufactured by Copamate Products Pty Ltd
32-36 Mologa Road, West Heidelberg
Victoria, Australia, 3081

t: +613 9459 3644
f: +613 9459 2488
e: sales@copamate.com
w: www.copamate.com