

Copamate leads the industry in providing cost-effective and reliable pipeline solutions. With a strong dedication to precision and quality, we ensure that our pipeline products meet the highest industry standards. Our commitment to excellence is reflected in every step of our manufacturing process, delivering dependable solutions that withstand the rigors of the pipeline sector.

# Test Plugs & Accessories.



# Pipeline Products.

# 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 ¼” 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 + 80°C  
**Max Working Pressure:** 3500kPa  
**Tie Colour:** Yellow  
**\* 1.6mm Probe must be used**

### Water Test Plugs

**Temperature Range:** Max + 80°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 3mm	PTP1.6	PTP1.6R
	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 8F & 8M
TX2	50MM HEX 8F & 15 SWEAT 21MM HEX
TX3	10M/8F & 15 SWEAT 50MM ROUND 8F
TX4	& 8M 65MM HEX
TX5	

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



# Pressure Gauge

## Specification

Bottom Entry 100mm Dial Liquid Filled Pressure Gauge

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

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



# Temperature Gauge

## Specification

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

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

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



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