

# ACUFLO<sup>®</sup>

## CM2000 MANIFOLD

### BOUNDARY CONTROL VALVE



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#### VALVE . FILTER . METER . BACKFLOW . FLOW CONTROL

- Corrosion free
- Lead free
- Leakage free
- Low pressure loss
- Long service life
- Compact and low height
- Proven diaphragm valve of the GM900S
- Proven dual check of the GM900S
- 1600Kpa working at pressure
- 40% energy reduction in manufacture
- 100% New Zealand made
- Meets or exceeds relevant standards



**Compliance:**

All materials comply with the following drinking water and food use authorities; Hydrocheck – Belgium, ACS – France, KTW and DVGW – Germany, AS/NZS4020 – NZ/Australia, WRAS – UK, NSF + ANSI –USA.

**Backflow:**

AS/NZS2845 approved 25mm Check Valves.

**Manifold Meter Connections:**

In accordance with OIML R49 and BS5728.

**Valve:**

Compliant with NZ Water Supply Protection Act BS5156 Valve Standard + BS6920.

**Quality Control:**

Designed, manufactured and tested by an Audit Certified ISO 9001/2000 organisation. Each dual check is additionally tested for water tightness prior to final assembly within the manifold. Each manifold is hydraulically performance pressure tested and reverse flow tested after final assembly prior to dispatch.

**Compatibility:**

All spare parts and field service tools are compatible with GM900S requiring no additional parts or investment.

**Dual Check Backow Preventer:**

ACUFLO's proven screw In dual check assembly is used in the bronze GM900S having check valves approved to AS/NZ2845 compliance. Fixed height seat complies with BS5728 for compatibility with all OIML R49 pattern approved manifold meters.

**Blanking Caps:**

As used on the GM900S our grivory blanking cap supports the dual check and internal filter and will withstand pressures in excess of 60 bar.

**Materials:**

Body: Grivory GV-5H.

Valve Membrane / Diaphragm: Moulded EPDM70A rubber.

Actuator / Handle / Blanking Cap: Grivory GV-5H.

Dual Checks: POM plastics with stainless steel 304 spring and NBR rubber seals.

Dual Check Tube: Grivory GV-5H.

Filter: Polypropylene.

Studs/Nuts/Washers: Stainless Steel 304.

**FFC2000**

Composite manifold incorporating additional large filter and rate of flow control restrictor.

**CM2000MC**

Composite manifold incorporating additional certified water meter, fitted and tested.

**CM2000STR**

Composite manifold incorporating additional Double Check BFP and Diaphragm Valve.

**CM2000MB**

Composite manifold securely mounted on an ACUFLO in-ground box mounting base.

*For any variation of our products, contact ACUFLO Industries Ltd*

**ACUFLO® INDUSTRIES LTD**

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