

# FlowCon FAC6HP

*FlowCon Commissioning Meter*

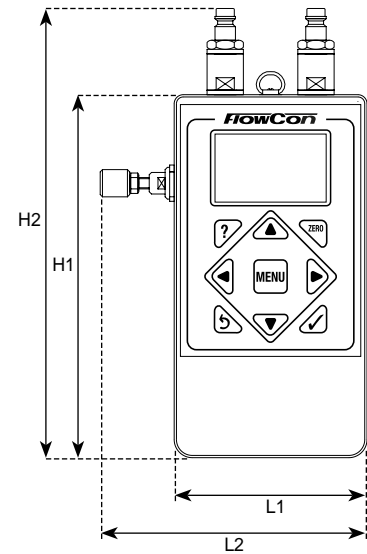


## SPECIFICATIONS

Pressure rating:	2000 kPa / 209 psi
Temperature rating, media:	1°C to +95°C / 33.8°F to +203°F
Temperature rating, ambient when in operation:	1°C to +44°C / 33.8°F to +111°F
IP rating:	IP54
Maximum operational $\Delta P$ :	1000 kPaD / 145 psid
Measurement range:	0.5-600 kPaD / 0.07-87 psid.

## DIMENSIONS AND WEIGHTS (NOMINAL) (measured in mm unless noted)

Model no.	Description	L1	L2	H1	H2	B (depth)	Weight (kgs.) with and without tubes and needles
FAC6HP	without rubber protection boot	85	117	159	189	31	1.25 / 0.46
	with rubber protection boot	98	123	173	203	42	1.41 / 0.62



## MODEL NUMBER SELECTION

FlowCon Commissioning Meter \_\_\_\_\_

FAC6HP

## FUNCTIONS

Battery:	9V 6LR61
Connection to PC requires optional software (see the accessories):	USB Mini
Flow characteristics for:	
FlowCon Composite Cartridge series (20-40mm)	
FlowCon E-JUST Cartridge series (20-50mm)	
FlowCon Stainless Steel Cartridge series (20-80mm)	
FlowCon SH series (15-150mm)	
FlowCon Green Insert series (20-40mm)	<b>Note:</b> Measurement only to be done either without actuator or with actuator fully open
FlowCon SME Cartridge series (20-40mm)	
FlowCon SM series (15-150mm)	<b>Note:</b> Measurement only to be done either without actuator or with actuator fully open
Measurement range:	0.5-600 kPaD
Measurement accuracy:	± 0.2 kPaD within 0.5-20 kPaD range ± 1.0% of reading within 20-600 kPaD range
Hysteresis:	± 1.0% of reading within 20-600 kPaD range
Storage:	Default 100 locations. Up to 2000 locations with optional software (see the accessories options)
DP units:	Pa, kPa, bar, m H <sub>2</sub> O, mm H <sub>2</sub> O, cm H <sub>2</sub> O, psi, feet H <sub>2</sub> O, inches H <sub>2</sub> O
Flow units:	l/s, l/min, l/h, (imperial) gpm, (US) gpm.

## ACCESSORIES

- Set of 1m tubes with snap connectors: ACC6000
- Set of 3.3mm p/t needle for snap connectors, straight, incl. protection pipe (to be removed before use): ACC6001
- Set of 3.3mm p/t needle for snap connectors, angle, incl. protection pipe (to be removed before use): ACC6002
- Set of 3.3mm p/t needle for snap connectors, extra long and straight, incl. protection pipe (to be removed before use): ACC6003
- Set of 3.3mm p/t needle for snap connectors, extra long and angle, incl. protection pipe (to be removed before use): ACC6004
- Software for calculations of flow in wafers and/or administration of larger projects: ACC6010.

## GENERAL DESCRIPTION

The FlowCon FAC6HP is an electronic manometer programmed to carry out differential pressure measurements on FlowCon's dynamic balancing valves and other balancing valves.

The state-of-the-art software and complete database of FlowCon's dynamic balancing valves allows direct reading of differential pressure and flow. The nine button design allows simple navigation of the menu system with all parameters visible on screen.

## CARRY CASE

The commissioning meter is supplied in a carry case with foam inlay for protection of the items inside. The carry case contains:

- FAC6HP commissioning meter including fittings for snap connectors and protection caps for fittings
- Set of 1m tubes with snap connectors (ACC6000)
- Set of 3.3mm p/t needles for snap connectors, angle, incl. protection pipe (to be removed before use) (ACC6002)
- Set of 3.3mm p/t needles for snap connectors, straight, incl. protection pipe (to be removed before use) (ACC6001)
- Extra 9V 6LR61 battery
- FlowCon adjustment key
- 6-in-1 screw driver (for PH 1-2-3 and PZ 1-2-3)
- Hexagon (allen) keys (sizes 3.0, 4.0, 5.0, 6.0 and 8.0mm)
- Mechseal key
- Extra protection caps for commissioning meter fittings
- Key hanger for hanging commissioning meter from pipes etc.

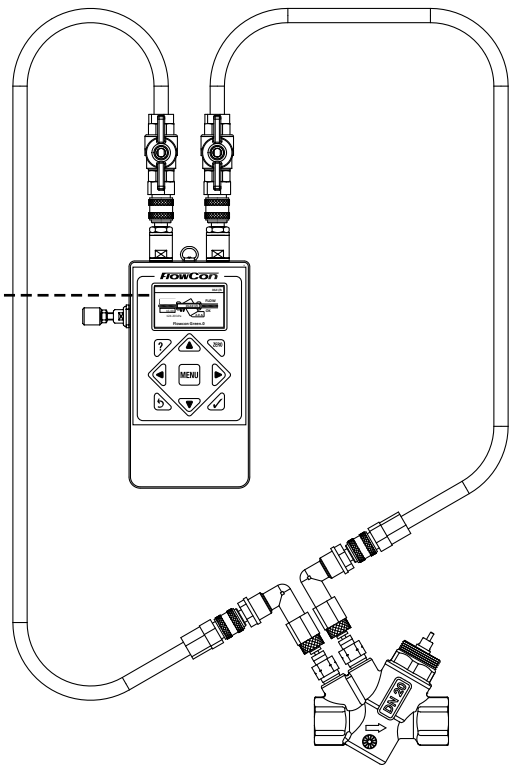
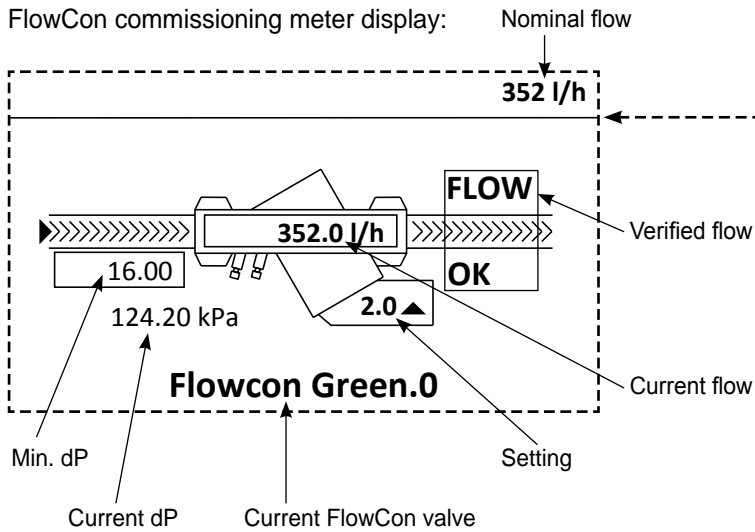


## APPLICATION EXAMPLE

FlowCon commissioning meter connected to a FlowCon AB-valve with pressure/temperature plugs and FlowCon Green insert, without actuator.

**Note: Measurement only to be done either without actuator or with actuator fully open.**

FlowCon commissioning meter display:



## UPDATES

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