MOWE
Chemical Injection Flowmeter (IRCD) Skid
CHEMICAL INJECTION SYSTEM (CI) REFERENCES

PETRONAS KINABALU
FLOWMETER SKID - AQ6800C
CI KINABALU
FLOWMETER SKID - AQ6800C

This Chemical Injection Flowmeter Skid, Injection Rate Control Device (IRCD), is the smallest of the 3 skids but is probably also the most demanding of the 3 packages.

MAJOR COMPONENTS

- 6 POSITIVE DISPLACEMENT FLOWMETERS
  - Flow rate at 1.3LpH
- SYSTEM OPERATES AT 750 BAR
- 6 IRCDs (INJECTION RATE CONTROL DEVICE)
  - To regulate flow between 0.7LPH to 2LPH approximately
- VALVES AND FITTINGS
- HIGH PRESSURE FILTER
CI KINABALU

FLOWMETER SKID - AQ6800C (1 / 2)

- Rotary Piston/ Oscillating Piston type flow meter with a single moving part provides robust and low maintenance technology.

- Suitable for low & high viscosity liquids at pressure rating up to 4,000 bar (60,000 psi).


- Connections: NPT, Autoclave, ANSI flanges, Grayloc Hubs, Galperti Hubs, Techlok hubs etc

- Communications: 4-20mA HART, Pulse, MODBUS, Foundation Field bus. Dependent on electronics and certification requirements.

- Temperature rating: -40 °C - 100 °C with remote mounted electronics. For direct mount versions see next page. Higher temperature special versions available on request.

- A 40 micron filter or less is recommended.
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FLOWMETER SKID - AQ6800C (2 / 2)

- Internals:
  Constructed of either Nitronic-60 (anti-galling) or Titanium for the LF03, LF05 & LF15 size to achieve the lowest flow and widest turndown possible. Chambers and rotors are PVD coated. Coatings are applied by physical vapour deposition. A hard metal chromium nitride base layer provides surface hardness and appropriate support for the carbon (WC/C) which is laid over. The WC/C coating provides excellent protection against adhesive wear and its low coefficient of friction reduces the risk of surface fatigue (pitting) and fretting corrosion, vastly improving turndown and low flow capability.
GA OVERVIEW – AQ6800C FLOWMETER SKID
CI KINABALU PLATFORM NAG – COMMISSIONING TO BE ADVISED BY CLIENT
ACCOLADES – TRUST IN REFERENCES
OUR LOCATIONS

MOWE Marine & Offshore Pte Ltd
Singapore HQ Office
Add: Blk 164 Bukit Merah Central #03-3655. Singapore 150164
Tel: +65 6652 6070
Fax: +65 6652 6071

MOWE Systems Pte Ltd
Branch Company
Address: 120 Lower Delta Road, #09-04, Cendex Center.
Singapore 169208
Tel: +65 66526070
Email: info@mowemo.com

MOWE Marine & Offshore Sdn Bhd
Branch Factory
Add: No. 15, Jalan Mutiara Emas 5/2,
Taman Mount Austin, 81100 Johor Malaysia
Tel: +607. 3507711
Fax: +607. 350 7117
Email for enquiry: info@mowemo.com, enquiry@mowemo.com

Website: www.mowemo.com