

CIGWELD

AN **ESAB** BRAND



100+
YEARS OF
WELDING
INNOVATION

BLUEJET™

FLOWMETER RANGE



FEATURES & BENEFITS:

- Robust brass body & fittings with stainless steel metering bobbin
- Failsafe against overpressure
- Accurate gas flow control to help improve weld quality and consistency
- Flexible usage options to support single or multi processes
- Dual-scale flowmeter & regulator kits are available in both single and dual outlet configurations to suit different operational needs
- Suitable for various applications ranging from TIG, MIG & purging



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CIGWELD Info Sheet **BlueJet Flowmeters**
CIGWELD Pty Ltd An ESAB Brand.
cigweld.com.au





P/N: 201710



P/N: 201711



P/N: 201073

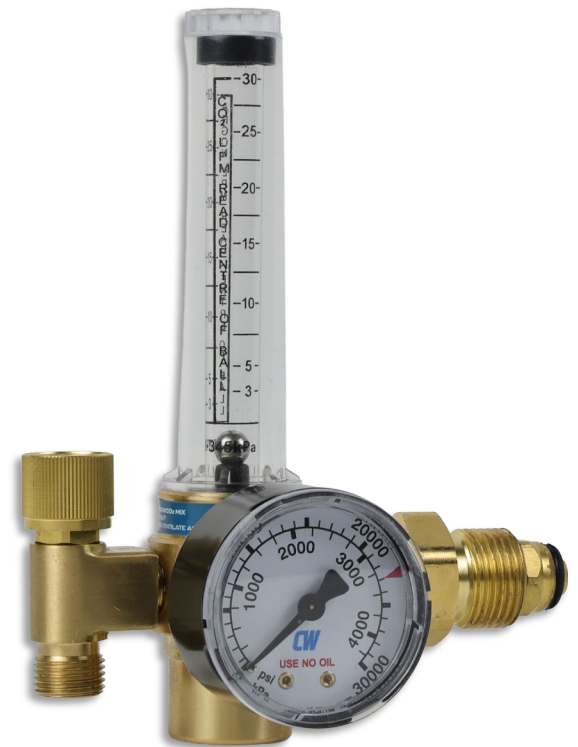
INSTALLATION

Important: The Flowmeter must be installed with the metering tube in the vertical position. For accuracy, the regulated inlet pressure must be preset to 200 kPa (29 PSI).

OPERATION

The flow of gas through the tapered, calibrated metering tube raises the bobbin to a height proportional to the flow rate. The gas flow is controlled by varying the setting of the fine adjusting valve. When setting the flow rate, take the reading from the **CENTRE OF THE BALL** or the **TOP OF THE BOBBIN**. The metering tube **MUST BE VERTICAL** for the calibration to be correct.

The gas flow path is from the inlet, up the metering tube and down the outer cavity, through the fine adjustment control valve to the outlet. **CAUTION:** The exterior of the Flowmeters must not be cleaned with solvents, which may damage the polycarbonate tube. Clean with a dry cloth.



P/N: 201031

SPECIFICATIONS

Part Number	Gas	Flow Rate	Inlet Connection	Outlet Connection	Inlet Pressure
201710	Argon	1-15 L/min	5/8"-18 UNF Female	5/8"-18 UNF Male	200 kPa
201711	Argon	10-40 L/min	5/8"-18 UNF Female	5/8"-18 UNF Male	200 kPa
201031	Argon, Argon/CO2	0-30 L/min	Type 10 Side Inlet	5/8"-18 UNF RH	20,000 kPa
201073	Argon, Argon/CO2	2-30 L/min	5/8"-18 UNF Female	5/8"-18 UNF Male	200 kPa

FLOWMETER & REGULATOR KITS



P/N: 201074



P/N: 201075

WHAT YOU GET:

- 1 x BlueJet Argon Preset Side Inlet Regulator (P/N: 201077)
- 1 x BlueJet Dual-Scale Flowmeter 30 L/min (P/N: 201073)

WHAT YOU GET:

- 1 x BlueJet Argon Preset Side Inlet Regulator (P/N: 201077)
- 2 x BlueJet Dual-Scale Flowmeter 30 L/min (P/N: 201073)
- 1 x BlueJet Y-Piece Adaptor (P/N: CW121)

SPECIFICATIONS

Part Number	Gas	Inlet Connection (Flowmeter)	Outlet Connection (Flowmeter)	Flow Rate	Working Pressure	Inlet Connection (Regulator)	Outlet Connection (Regulator)
201074	Argon, Argon/CO ₂	5/8"-18 UNF Female	5/8"-18 UNF Male	2-30 L/min	Preset 200kPa	Type 10 (Side Entry)	5/8"-18 UNF Male
201075	Argon, Argon/CO ₂	5/8"-18 UNF Female	5/8"-18 UNF Male	2-30 L/min	Preset 200kPa	Type 10 (Side Entry)	5/8"-18 UNF Male

ORDERING INFORMATION

Part Number	Description
201710	BlueJet Argon Flowmeter, 15 L/min
201711	BlueJet Argon Flowmeter, 40 L/min
201031	BlueJet Argon Regulator Flowmeter, 30 L/min (Side Inlet)
201073	BlueJet Dual-Scale Flowmeter, 30 L/min, Argon, Argon & CO ₂
201074	BlueJet Flowmeter & Regulator Kit, 30 L/min, Argon, Argon & CO ₂
201075	BlueJet Twin Flowmeter & Regulator Kit, 30 L/min, Argon, Argon & CO ₂