

TURBINE Flowmeters

A1 SERIES RATE & TOTAL METER

Self-Contained Application Specific Meters

- Fuel Transfer
- Plant Process Water
- Batching / Blending
- Chemical Feed Lines
- Aluminum - Fuel Products
- Nylon - Water / Non-Aggressive Chemicals
- Ag Chemicals
- Solvents / Glycol

- ✓ Field Calibration
- ✓ Higher Accuracy

FLAMEC[®]



"Look for the silver label."

MODEL:	A025, A100 (1") & A200 (2")	N025 & N100 (1")
Accuracy:	+/- 1.5% to 5% of reading	
Flow Range:	0.3 - 300 GPM (1 - 1135 L/min)	0.3 - 50 GPM (1 - 190 L/min)
Temperature:	-40° to 250° F (-40° to 121° C)	
Temp. w/Display:	14° to 140° F (-10° to 60° C)	
Pressure:	300 psi (21 bar)	150 psi (10.3 bar)
Meter Sizes:	1" to 2" (25 mm to 50 mm)	1" (25 mm)
Meter Body Materials:	Aluminum	Nylon
Fitting Connections:	NPT and ISO	

TURBINE Flowmeters

G2 SERIES

General Purpose Meter



"Look for the blue label."

- Batching
- Blending
- Water
- Food & Beverage Processing
- Harsh Chemicals (Sulfuric Acid & Bleach)
- Monitoring Clean Fluids
- Chemical Feed Lines
- Industrial Fluids
- Plant Process Water

Accuracy:	+/- 1.5% to 0.75% of reading (Depending on Pipe Size)
Flow Range:	1.0 to 200 GPM (3.8 to 760 L/min)
Temperature:	-40° to 250° F (max 140° F with display) (-40° to 121° C [max 60° C with display])
Pressure:	100 to 3,000 psi (6.9 to 207 bar)
Meter Sizes:	1/2" to 2" (15 mm to 50 mm)
Meter Body Materials:	Aluminum, Stainless Steel, Brass and PVDF
Fitting Connections:	NPT, ISO, Sanitary, 150# ANSI and True Union
Output Options:	Pulse and 4-20mA

Integrated Display • Output Options

TURBINE Flowmeters

G SERIES

Thin Viscosity Fluids Under 100 Centipoise



- Food & Beverage
- Petro Chemicals
- Fuel
- Pharmaceuticals
- Batching
- Process Control
- Chemical Feed Lines
- Irrigation
- High Water Volume Mixing

Accuracy:	+/- 0.5% of reading
Flow Range:	0.6 to 600 GPM (2.2 to 2,271 L/min)
Temperature:	-450° to 800° F (-268° to 426° C)
Pressure:	2,500 to 5,000 PSI (170 to 340 Bar)
Meter Sizes:	1/2" to 3" (15 to 80 mm)
Meter Body Materials:	Stainless Steel
Fitting Connections:	NPT, BSPT, BSPP, Sanitary & ANSI Flange
Output Options:	Pulse

- ✓ High Precision
- ✓ High Pressure

Intrinsically Safe and Food Grade Options

OM SERIES

Medium to Heavy Viscosity Fluids

- Oils
- Fuel
- Diesel
- Batching
- Molasses
- Chemical Additive Injection
- Bunker C Fuel Oil
- Clean Fluids
- Oil-Based Paints
- Industrial Fluids
- Truck Metering
- Chemical Feed Lines

Accuracy:	+/- 1% of reading (1/8" to 3/8"), and all mechanical +/- 0.5% of reading (1/2" to 4")
Flow Range:	0.26 GPH to 660 GPM (1 L/hr to 2,500 L/min)
Temperature:	-40° to 300° F (-40° to 150° C)
Pressure:	70 to 5,800 psi (5 to 400 bar)
Meter Sizes:	1/8" to 4" (4 mm to 100 mm)
Meter Body Materials:	Aluminum, Stainless Steel and PPS
Fitting Connections:	NPT, BSPP, Sanitary and Flange
Output Options:	Pulse and 4-20mA



**POSITIVE
DISPLACEMENT
(Oval Gear)**

- use standalone or with ManuFlo Batch Controllers and Indicators

ME995 Series Batch Controller



Type	Pre-set Rotary Dial
Mounting	Panel Mount to IP54
Display	LED 3, 4 or 5 + Alarms Various options
Units	Litres or millilitres
Optional Interface to PLC's	Start/stop/reset + Pulse



ME4-T Resettable LCD Indicator

Power	Lithium Battery (+8 yrs)
Mounting	Wall mount to IP67
Display	4 Digit LCD counter
Reset Function	Via magnet in lid
Units	Litres or Kilolitres

ME3000 Series Batch Controller with TMP custody transfer ticket print



Type	Pre-set Microprocessor
Mounting	Panel Mount to IP64
Display	LCD Multi HMI
Units	Litres, mls, KL, Kg's
Optional Interface to PLC's	Start/stop/reset + Pulse 4-20mA



FRT303 Dual LCD Rate & Total

Power	240VAC, 24 VDC or Lithium Battery (+5 yrs)
Mounting	Wall mount to IP67
Display	2 x Totalisers 1 x Reset 1 x Flow rate
Reset Function	Push button on front
Units	L, KL, L/min, L/sec
Outputs	Pulse/ma + low/hi.



**UIC universal pulse
Isolation Interface
scaling card**



Type	PLC Pulse scaling card
Pulse switching	5-30VDC or 24-240vac
Application use	Most flowmeters
Interfaces to PLC	Scales pulses to unity

ManuFlo[®]TM

Flow Measurement & Control Products

MANU ELECTRONICS PTY LTD (since 1965)

11/2020-ATM

41 Carter Road, Brookvale
Sydney NSW 2100 Australia

Ph: + 61 2 9905-4324, 9938-1425

Web: www.manuelectronics.com.au

Email: sales@manuelectronics.com.au