

Transit Time Clamp-on Ultrasonic Flow Meters



CT PLATON
The Elements of Control



- User friendly and portable
- Compact and lightweight
- Low cost and clamp on
- Works on any type of pipe with a diameter of 13mm to 5000mm

Portaflow 300

Portaflow 300

Transducer sets Pipe size

A sensors 13mm to 89mm (std)

B sensors 50mm to 1000mm (std)

C sensors 300mm to 2000mm (opt)

D sensors 1000mm to 5000mm (opt)

Temperature range: A, B & C: -20°C to +125°C

Temperature range: D: -20°C to +70°C

Display: Volumetric flow units: m³, gallons, litres

Velocity units: metres/second, feet/second

Outputs: 4-20mA, RS232, pulse - 5V maximum at 1 pulse per second

Power supply/ battery charger:

input: 110V to 240VAC, output: 9VDC

Fully charged life: 24 to 30 hours

Languages: English, English & German or English & French

Data logging: 56,000 data points

Logs up to 20 blocks of data with text or graphic display, transferable to Microsoft

Windows or compatible software

Ultraflo 2000

- User friendly - wall mounted version
- Low cost and clamp-on
- Works on any type of pipe with a diameter of 50mm to 5000mm
- An optional version can be used to measure heat or energy



UF2000 Flow meter and/or Heat meter

Transducer sets Pipe size

A sensors 50mm to 89mm

B sensors 50mm to 1000mm

C sensors 300mm to 2000mm

D sensors 1000mm to 5000mm

Temperature range: A, B & C: -20°C to +125°C

Temperature range: D: -20°C to +70°C

Display: Volumetric flow units: m³, gallons, litres

Velocity units: metres/second, feet/second

Signal output: 4-20mA into 750 ohms, opto isolated

Pulse: Max 1 pulse per second

Heatmeter options: kW, kCal / hours, minutes, seconds

Analogue output: 2 off 0-16, 0-20 or 4-20mA

Opto isolated with user definable scaling

Temperature sensors: Maximum

temperature difference: 145°C

Power: 110V, 240V or 24Vdc

CT PLATON SAS

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- User friendly and portable
- Compact and lightweight
- Low cost and clamp-on
- Works on any type of pipe with a diameter of 50mm to 1000mm

Portaflow SE

Pipe sizes: 50mm to 1000mm
 Sensor operating temperature range:

-20°C to +125°C

Display: Volumetric flow: m³, gallons, litres
 Velocity flow: metres/second, feet/second
 Power supply/ battery charger:

Portaflow SE

Input: 110VAC to 240VAC, Output: 9VDC
 Fully charged life: 8 to 10 hours
 Outputs: 4-20mA, RS232

Data Logging: 56,000 data points

Logs up to 20 blocks of data with text or graphics display, transferable to Microsoft Windows or compatible software

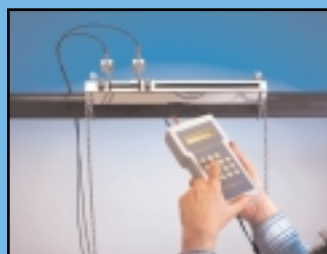
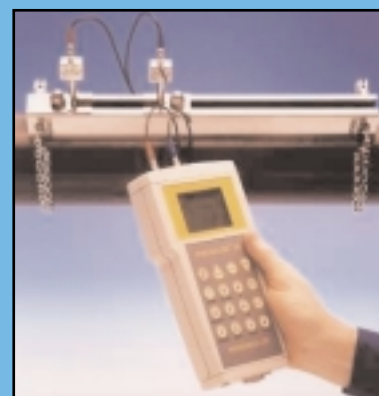
Portaflow 216

- User friendly and portable
- Compact and lightweight
- Low cost and clamp-on
- Works on any type of pipe with a diameter of 50mm to 400mm

Portaflow 216

Pipe sizes: 50mm to 400mm
 Sensor operating temperature range:
 -20°C to +125°C

Display: Volumetric flow: m³, gallons, litres
 Velocity flow: metres/second, feet/second
 Power supply/ battery charger: input: 110VAC to 240VAC, output: 9VDC
 Fully charged life: 8 to 10 hours
 Output options:
 Pulse: 1 pulse / second at 4V
 Analogue: 4-20mA



- User friendly and portable
- Compact and lightweight
- Low cost and clamp-on
- Works on any type of pipe with a diameter of 50mm to 200mm

Portaflow 208

Pipe sizes: 50mm to 200mm
 Temperature range: -20°C to +125°C
 Display: Volumetric flow units: m³, gallons, litres
 Velocity units: metres/second, feet/second

Pulse: 4 volts
 maximum 1 pulse per second

Power supply/charger:

input: 110V to 240V, output: 9Vdc
 Charged battery life: 7 hours approx

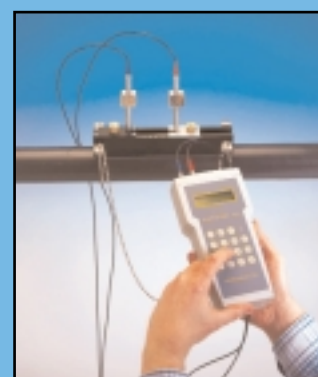
Portaflow 204

- User friendly and portable
- Compact and lightweight
- Low cost and clamp-on
- Works on any type of pipe with a diameter of 13mm to 115mm

Portaflow 204

Pipe sizes: 13mm to 115mm
 Temperature range: -20°C to +125°C
 Display: Volumetric flow units: m³, gallons, litres
 Velocity units: metres/second, feet/second

Pulse: 4 volts,
 maximum 1 pulse per second
 Power supply/charger:
 input: 110V to 240V, output: 9Vdc
 Charged battery life: 7 hours approx



All Micronics flow meters work on any sonic conducting liquid containing <2% solids, in carbon steel, stainless steel, galvanised steel, mild steel, brass, copper, UPVC, PVDF, glass or concrete pipes. Flow velocity range is dependent on pipe size and transducer type, contact Micronics for details. Micronics reserve the right to alter the specification without notification. UF2000: for pipes with less than 50mm OD please contact Micronics. For liquids >125°C please contact Micronics.