

# JC UTF - H : Clamp-on Type Flowmeter (Portable)



## Salient Features

- Portability
- Compact Size and easy to use
- Non-invasive Clamp-on Technology
- Measurement independent of Fluid properties
- No pipe cutting or process interruption
- Wide Bi-directional Flow range
- No pressure drop, moving parts, leakage or corrosion

## Specifications

|                                  |   |  |
|----------------------------------|---|--|
| Power Supply                     | : | 3 AAA NiMH built-in batteries (12 hours of operation) and<br>100 - 240 V AC for the Charger  |
| Velocity                         | : | $\pm 12$ m/s, Bi-directional   |
| Display                          | : | 4 Lines, 16 Characters LCD with Back light   |
| Rate / Totaliser Units           | : | Flow rate, Velocity, Totaliser<br>User Configurable (English and Metric)<br>Gallons, ft <sup>3</sup> , barrels, lbs, litres, m <sup>3</sup> , kg |
| Output                           | : | 4 - 20mA, Pulse, Relay, RS232C or RS485  |
| Accuracy                         | : | 1.0% of reading at rates > 0.5m/s<br>0.005 m/s of reading at rates < 0.5m/s  |
| Sensitivity                      | : | Flow rate: 0.001ft/s (0.0003 m/s)  |
| Repeatability                    | : | 0.2% of reading  |
| Security                         | : | Keypad lockout, access code enable   |
| Dimensions and Weight            | : | 100 * 204 * 34 mm Weight: < 0.6 kg   |
| Liquid Types Supported           | : | Virtually most any liquid containing less than 2%<br>Total suspended solids (TSS) or aeration  |
| Liquid Temperature               | : | Std. Temp. Transducer: - 40°C to 121°C<br>High Temp. Transducer: - 40°C to 250°C   |
| Pipe Size                        | : | S Transducer : 12 - 50 mm<br>M Transducer : 40 - 1000 mm<br>L Transducer : 1000 - 4570 mm  |
| Transducer Dimensions and Weight | : | S : Size : 42 * 25 * 25 mm; Weight : < 0.3 kg<br>M : Size : 60 * 43 * 43 mm; Weight : < 0.6 kg<br>L : Size : 80 * 53 * 53 mm; Weight : < 1.0 kg  |
| Portable Case                    | : | Size : 445*290*130; Weight : < 3.5 kg  |
| Flexible Belts                   | : | 2 Bundles  |

*Continuous efforts for product development may necessitate changes in these details without notice*

**For more information visit us at**  
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