



PCiRTB RATE TOTALISER

The **PCiRTB** has an LCD display of flowrate and flow total. It takes the output from flowmeters and can be used for local or remote indication.

Specifications

Display	8 digit LCD
Resettable total	8 digits resettable from the front panel
Accumulated total (Non-resettable)	8 digit
Flow rate	5 digits
K-factor	Programmable
Decimal points (rate and total)	Decimal point positions selectable
Timebase	Rate display in units per second, minute or hour
Frequency range	10 to 7.5 kHz
Signal type	Sine wave
Minimum signal	7mV p-p at 10-100 Hz 25mV at 1 kHz 170mV at 7.5 kHz
Batteries	6V lithium battery
Battery Life	Typical life > 2 yrs (depends on working time)
DC power input	8-35 V maximum
Temperature	-10°C to 65°C
Dimensions (mm)	95 x 95 x 58
Environmental Protection	Sealed to IP66
Casing	Aluminium
Cable Entry	Cable glands
Connections	2 rows of through-panel terminals



The **PCiRTB Rate Totaliser** is designed to display the flow rate and total of the process liquid.

It can be used for monitoring, controlling, dispensing, blending or filling of any liquid when used with turbine and pelton wheel flowmeters.

The battery-powered version is ideal for areas where a power supply is not available.

Operation

The flowrate and a resettable total are available at the press of a button. The PCiRTB stores a non-resettable total to monitor total consumption.

The display can be in any engineering units, for example lits/min. Control is easy via the front keypad and the instrument can be preset to your specific requirements.

The PCiRTB can be mounted directly on to a flowmeter, wall-mounted or pipe-mounted. Cables are installed via waterproof cable glands.

Options

Analogue two wire 4-20mA output For transmission to other instruments or control equipment	Scale: The 4mA and 20mA points are selectable Accuracy: 0.5% of range Update time: 0.5 seconds Connection: Two wire loop powered 35V max.
DC power supply	This option requires a DC power supply of 8-35V
Casing	Polycarbonate
Intrinsically Safe Model	Approved to EEx ia IIB T4
Mounting adapter	For mounting the instrument on to flowmeters

OPTIONS
I: Intrinsically Safe Model
S: 4-20mA output
D: DC power supply
C: Polycarbonate Casing
M: Mounting adapter

