



### FLOW RATE TOTALISERS – battery powered

Trimec offer two models, the RT12 is more orientated towards the process control industry providing a range of analog & digital outputs compatible with PLC's & other plant control equipment. The new RT20 has larger digits specifically suited for liquid transfer applications requiring high visibility & back lighting.

### BATCH CONTROLLERS – for digital inputs

The EB Ecobatch is fully programmable a two stage pre-set batch controller with high speed counting & automatic overrun compensation. Applications include bottle & container filling, loading systems & batch mixing.

### BATTERY TOTALISER – low cost & compact

Providing resettable & accumulative totals on two lines of display, the BT11 is also available with intrinsically safe approval.

### PULSE PROCESSING MODULES

The PD2 is a pulse discriminator for bi-directional flow applications, the PR2 is a pulse repeater interface for high loads & the PC1 miniature interface board converts an NPN solid state output to a PNP pulse output.

### PULSE TO ANALOG

The FI420 is a programmable 4~20mA frequency to current converter which fits within any Trimec flowmeter.

### GENERAL SPECIFICATIONS

Model prefix :	BT11	RT12	RT20	EB10
<b>Function</b>	Dual totaliser	Rate totaliser	Rate totaliser	Batch controller
<b>Power source</b>				
<i>battery powered</i>	yes	yes	yes	no
<i>8~24Vdc external power</i>	yes	yes	yes	yes
<i>4~20mA loop powered</i>	no	yes	no	no
<b>LCD display</b>				
<i>- line 1</i>	1 x 7.5mm	1 x 9mm	1 x 17mm	1 x 9mm
<i>- line 2</i>	1 x 3.6mm	-	1 x 7mm	-
<i>accumulative total</i>	yes	yes	yes	yes
<i>resettable total</i>	yes	yes	yes	no
<i>rate display</i>	no	yes	yes	no
<i>backlighting</i>	optional	optional	standard	optional
<b>Input types</b>				
<i>un-powered sensors</i>	reed switch, coil (15mV P-P min.),			
<i>powered sensors</i>	open collector, current pulse, namur & proximities			
<i>low frequency cut-off</i>	no	yes	yes	no
<i>dual flow inputs</i>	no	yes	no	no
<i>10 point linearisation</i>	no	yes	no	no
<b>Outputs</b>				
<i>4~20mA output (750Ω)</i>	no	yes	no	no
<i>high &amp; low flow alarms</i>	NPN / PNP	NPN / PNP	NPN	NPN / PNP
<i>scaleable pulse</i>	NPN / PNP	NPN / PNP	NPN	NPN / PNP
<i>dual SPCO relay board</i>	no	optional (replaces solid state outputs)		
<b>Power source</b>				
<i>IP66/67 ( NEMA 4X )</i>	yes	yes	yes	yes
<i>DIN mount (optional)</i>	no	yes	yes	yes
<i>intrinsically safe (optional)</i>	yes	yes	no	no
<i>Exd Explosionproof (optional)</i>	no	yes	no	yes
<i>Exd Explosionproof (optional)</i>	no	yes	no	yes