



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.

STANDARD OPTIONS :

The above instruments are supplied in either field, pipe or panel mount configurations with some being available with either Aluminum or stainless steel & explosion proof housings.

GENERAL SPECIFICATIONS

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