

# Model MT-B Batching Meter

## MT-B Batching Meter

### When reader friendly volume displays are required

- Sizes available 3/4" to 1 1/2"
- For use with water up to 90 °C.
- Large easy to read dial available in 250ltr, 500ltr and 1000ltr
- Ideal for manual batching with reset facility
- Mounted vertically or horizontally
- Supplied with BSP male coupling set
- For simple filling operations and mobile concrete mixers.

### Extra-sturdy batching registers

- Pane hardened, made of corrosion-proof gears, made of plastic and stainless steel.
- Register and water meter directly linked, leak proof gland transmission.
- Registers and dials with practice-oriented gradations suitable for meter sizes and batching jobs involved.

### User-friendly batching registers

- Extra-large dial, diameter 130 mm.
- Display easily visible, even from some distance.
- Housing edge grooved, for non-slip volume adjustment.
- Generously dimensioned reset button, easy to grip even in work gloves.

### And all the other things you need

Of course, we also offer a comprehensive range of accessories and professional advise

- Batching control units.
- Electric diaphragm valves.
- Industrial meters Water meters and Woltmann meters with contactors.
- Electromagnetic flow meters.



### Simple manual batching with the MT-B

The MT-B has been specifically designed for use on concrete-mixers. Largely identical to the MT-W, it has been stripped down to the basic function. It operates with a single pointer. An adjustable marker indicates the desired quantity.

- For simple filling operations and mobile concrete-mixers.
- Protective shroud with lid, snap closure.
- Batching registers for different batching quantities

### Automatic batching,electromechanical control with MT-VA

These batching meters, with their electromechanical batching registers, present an easy-read dial with a large pointer. After being started with a push button or a control device, batching proceeds automatically.

- For semi and fully automatic water batching.
- **VAe**: a micro switch ensures automatic reset. The pointer is electrically coupled.
- **VAm**: in addition to the micro switch, there is a button for manual reset. The pointer is mechanically coupled.
- Batching registers for different batching quantities.
- Electrical/mechanical reset, 1 pointer circle, 1 pointer.

# Model MT-B Batching Meter

## Technical Data

Multi-jet meter			MT-VA			MT-W			MT-B		
Meter size / nominal flowrate	$Q_n$	m <sup>3</sup> /h	2.5	5	10	2.5	5	10	2.5	5	10
Nominal size	DN	mm	20	25	40	20	25	40	20	25	40
	DN	inches	3/4	1	1 1/2	3/4	1	1 1/2	3/4	1	1 1/2
$D_1$	Meter connection thread	ISO 228/1	G 1 B	G 1 1/4 B	G 2 B	G 1 B	G 1 1/4 B	G 2 B	G 1 B	G 1 1/4 B	G 2 B
$D_2$	Connection pipe thread	ISO 7/1	R 3/4	R 1	R 1 1/2	R 3/4	R 1	R 1 1/2	R 3/4	R 1	R 1 1/2
$L_1$	Meter length	mm	190	260	300	190	260	300	190	260	300
$L_2$	Connector length	mm	50	60	70	50	60	70	50	60	70
$B_1$	Diameter	Register	152	152	152	152	152	152	152	152	152
$B_2$	Distance	Meter axis - Cable connection	135	135	135	-	-	-	-	-	-
$H_1$	Centerline height	mm	46	49	51	46	49	51	46	49	51
$H_2$	Overall height	mm	211	220	241	225	235	255	235	240	265
$H_3$	Height	Lid opened	-	-	-	-	-	-	395	400	425
Weight		kg	4.0	4.5	7.5	3.5	4.0	7.0	3.0	3.5	6.5
Factory testing	Horizontal installation										
Maximum flow rate + 2 %	$Q_{max}$	m <sup>3</sup> /h	5	10	20	5	10	20	5	10	20
Minimum flow rate + 5 %	$Q_{min}$	m <sup>3</sup> /h	0.3	0.5	0.8	0.3	0.5	0.8	0.3	0.5	0.8
Continuous load		m <sup>3</sup> /h	2.5	5	10	2.5	5	10	2.5	5	10
Average load		m <sup>3</sup> /month	-	-	-	-	-	-	200	500	800
Temperature	$T_{max}$	°C	90	90	90	90	90	90	90	90	90
Pressure rating		PN	16	16	16	16	16	16	16	16	16
Flow capacity	at 1 bar pressure-loss	m <sup>3</sup> /h	5	10	20	5	10	20	5	10	20

### MT-VA, MT-W, MT-B Multi-jet meters Dry-dial

- $Q_n$  2.5 ... 10 m<sup>3</sup>/h.
- Hot water up to 90 °C.
- Horizontal installation.
- Dial horizontal or parallel to pipe axis.
- Factory testing with certificate on request.

### Sound, practical, good

What could be more sensible than to use our tried and tested meters for batching as well as metering? And indeed they have already proved their durability under what

are sometimes tough operating conditions (like concrete-mixers). Precisely because they manage without any elaborate complications, they still have their adherents today next to contemporary electronic systems.

