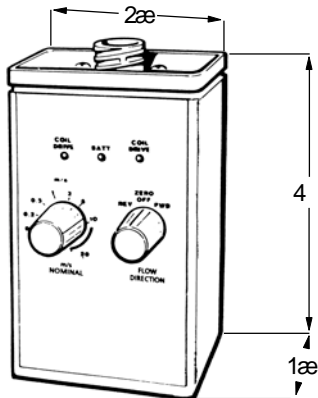


ULTRA MAG®

MODEL CN36 VELOCITY SIMULATOR
 USED TO CHECK THE OPERATION OF
ULTRA MAG® ELECTROMAGNETIC FLOW
 METER SIGNAL CONVERTERS



DESCRIPTION

MODEL CN36 VELOCITY SIMULATOR provides test signals to check the **ULTRA MAG®** electromagnetic flowmeters signal converter for proper operation. Zero flow and velocities between .15 to 60 FPS (American standard version) and .05 to 20 MPS (metric version) in both forward and reverse are simulated. The simulator has a built in 'power down' feature to prolong battery life, LED's to indicate low battery voltage, the presence of coil driving current and a communication cable which is provided for wiring directly into the converter.

SPECIFICATIONS

- ACCURACY** Plus or minus .25% of setting (excluding test range card) or ± 2 mm/s, whichever is greater.
- POWER SUPPLY** 9 Volt alkaline battery or any PP3 type battery.
- BATTERY LIFE** >500 hrs. continuous.

CONTROLS Left, this twelve position switch selects various simulated velocities which are the following:

Switch Position	Velocity(m/s) Metric Version	Velocity(ft/s) English Version
1	0.05	0.15
2	0.05	0.15
3	0.1	0.3
4	0.2	0.6
5	0.5	1.5
6	1	3
7	2	6
8	5	15
9	10	30
10	20	60
11	20	60
12	20	60

Right, this three-position switch selects the following:

Switch Position	Indication	Function
1	REV	Reverse flow
2	ZERO/OFF	Zero Flow and off
3	FWD	Forward flow

CONSTRUCTION Plastic case with battery compartment and connector socket

ORDERING INFO Must be specified by the customer and includes: Metric or English version.



3255 WEST STETSON AVENUE
 HEMET, CALIFORNIA 92545-7799 USA
 TEL: 951-652-6811
 FAX: 951-652-3078
 Visit our Website: www.mccrometer.com
 E-Mail: info@mccrometer.com

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