F 8 $\Box \Box$ RASONIC PORTABLE FLOW/MET/ER





MEDIA MEASURED LIQUIDS & GASES

> Light weight

> Easy to use

(less than 1kg)

ROBUST

> IP68 ABS enclosure

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PIPE DIAMETERS UP TO 10000MM

STANDARD DUAL PIPE DUAL CHORD

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COMPACT

- > Multi-parameter data logger
- > Stores up to 11 configurations/sites
- > Timer/programmer
- > Optional Input/output modules (analogue, digital)

HIGH PERFORMANCE

- > Graphic screen
- > Echo, gain and quality index displayed
- > Battery life up to two months, using timed operation

RELIABLE

- > Automatic zero calibration
- > Ten flow calculations per second

MULTIPLE USES

> On every type of homogeneous liquid, even non-conductive

FULL

PIPE

 (\diamond)

GAS

APPLICATION

- > On most types of gases high and medium pressure*
- > Non ideal flow conditions taken into account

TYPICAL APPLICATIONS Drinking water:

Leakage detection, pump flow control, control of in-line flow meters

Water (raw, waste): Pump flow control

Flow surveys: Troubleshooting installations, resolving disputes

Civil engineering: Validation of system performance before handover of a project

Climate engineering: System balancing, thermal assessment

Hydrocarbons: Temporary flow measurement







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MODEL CALORIMETER DUAL CALORIMETER

ADVANCED FUNCTIONS

Uf 801-P

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ISE F			_	_	PT100/PT1000 2-input module taking up the physical spa of two modules
	Flow measurement	Flow measurement in two pipes (with one speed chord per pipe)	Flow measurement with two speed chords	Flow measurement and calorimetry	Flow measurements in two pipes and dual calorimetry
INGLE OR DUAL PIPE	Single pipe	Dual pipe	Single pipe	Single pipe	Dual pipe
INGLE OR DUAL CHORD	Single chord	Single chord	Dual chord	Single chord	Single chord
OPTION,	Up to 4 modules to choose to	-		Up to 2 modules to choose from:	_
> > >	 > 1 isolated, active analogue output: current 4-20mA, 0-20mA, 0-24mA · Module 1 > 2 static relay outputs usable as frequency outputs (up to 1kHz) · Module 2 > 2 isolated current inputs 4-20mA, 0-20mA, 0-24mA · Module 3 > 2 0-10V voltage inputs · Module 4 > 2 contact inputs (pulse or state) · Module 6 				-
ISPLAY	Numeric and graphic (14 lines x 20 characters) · Backlit LCD screen with time delay feature				
	Oscilloscope function (echo displayed) · Gain · Quality index				
ET-UP	 Quick and simple - uses 7-key touch pad with 2 for dynamic allocation - or via dedicated software supplied Possible to build in an access code 				
	From 0 to 3600 seconds				
NFORMATION STORAGE	 > 4MB data logger: time stamping - between 1 and 30 variables - up to 266,706 lines > 3-variable time stamping: 133,353 lines · 14 variables: 35,560 lines · 30 variables: 17,206 lines > Logging frequency from 1 second to 24 hours 				
DPERATING SYSTEM	Ultraflux dedicated software (Windows compatible) for configuration (upload/download the settings), read/record the measurement values and download the logger's data. Measured values and logged data are readable with spread sheet software (Microsoft Excel, etc.)				
ROGRAMMER	Programmable power-up to increase the logger's battery life				
/3 LANGUAGES	English & Russian or French & English + 1 additional language to be chosen: German · Portuguese · Spanish · Italian				
	Up to 14hr continuous use - Charge indicator				
	RS232 to JBUS/MODBUS protocol - 115,200 Bauds -1 RS232 to USB converter link cable included				
LECTRICAL CHARACTERISTICS	1 RS232 to USB converter link cable 				
	ABS · 900g · 220 x 115 x 64mm				
	EN/IEC 60529 IP68				
	EMC compliance: EN/IEC 61010-1 Safety compliance: EN/IEC 61326-1				
	ENC compliance: EN/IEC 51010-1 Satety compliance: EN/IEC 51525-1 				



FULL PIPE

MEDIA MEASURED LIQUIDS PIPE DIAMETER FROM DN 40 UP TO DN 3000			
SALES DESCRIPTION	 Set of 2 probes with their support External probes for liquid flow measurement on a full pipe Mounting on a pipe from DN40 up to DN3000 Maximum operating temperature of 110°C Push-Pull connection Magnetic support in 2 parts SU-1707 included 		
INSTALLATION	Non intrusive		
APPLICATION	Full pipe		
CONDITIONS OF USE	Difficult - Clear or charged liquids, old or dirty pipes		
DIAMETER OF THE PIPE	Recommended probe range: 40 - 2000 mm for difficult application Extended probe range: 40 - 3000 mm on clear liquid application		
THICKNESS OF THE PIPE	> 0,4 mm		
CONNECTIC	Push-Pull connectors		
MOUNTING TYPE	/, V, N, W		
TEMPERATURE	From -20°C to +110°C		
COMPATIBLE CONVERTERS	ALL		
ATEX CERTIFICATION	NO		
INGRESS PROTECTION	EN/IEC 60529 IP68		
SUPPORT TYPE	SU1707		
MATERIAL OF THE PROBES	Peek		
MATERIAL OF THE SUPPORT	Anodized aluminum		
OVERALL SIZE (support & probes)	500 x 36,5 x 48,5 mm (can be split in 2 parts)		
OVERALL WEIGHT (support & probes)	1040 g		
SENSOR FREQUENCY	1 MHz		

NON CONTRACTUAL DOCUMENT



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