



# Caudalimetro Ultrasonico Portatil

## Modelo Q-FP 201 Marca Instru



### El caudalimetro se entrega con:

Manual en castellano.  
Guía de puesta en marcha resumida.  
Sensores imantados M1 aptos para caños de 2 a 28 " (DN 50-700).  
Cables de interconexión (instrumento a los sensores).  
Gel de acoplamiento acústico.  
Cadenas de sujeción.  
Cargador de baterías.  
Valija de transporte.

**Opcional:** Se incluirían en la valija de transportes:  
Sensores imantados S1 para caños de 1/2 a 4 " (DN 15 -100 ).  
Medidor de espesor EU-201

Automat Medición SRL brinda apoyo técnico telefónico por personal especializado y curso teórico .





# Hand held ultrasonic flow meter



Main Unit

UDS-211H hand held ultrasonic flow meter is a battery power ultrasonic flow meter ,the capability of a full size flow meter. it is carefully designed for portability and easy for use .

- Better than 1% accuracy
- 0.2% of repeatability
- 4×16 English letters LCD display
- Operate with clamp on transducers
- RS 232 interface or 1-channel isolated OCT output
- Pipe diameters from 15mm to 6000mm
- Ni-MH battery operation of over 12 h
- 90~230VAC power supply
- Internal data logger

## Outline Diagram



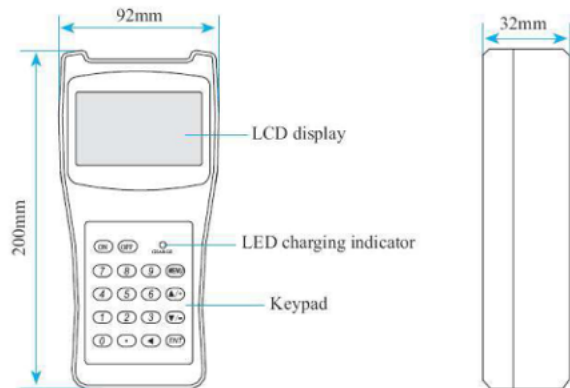
Dedicated shielded transducer cable 5 meter × 2



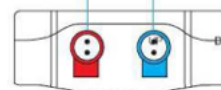
HM-type clamp-on transducer for DN50~DN700mm



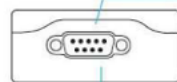
Aluminum carrying case



upstream transducer socket      downstream transducer socket



RS-232 communication interface



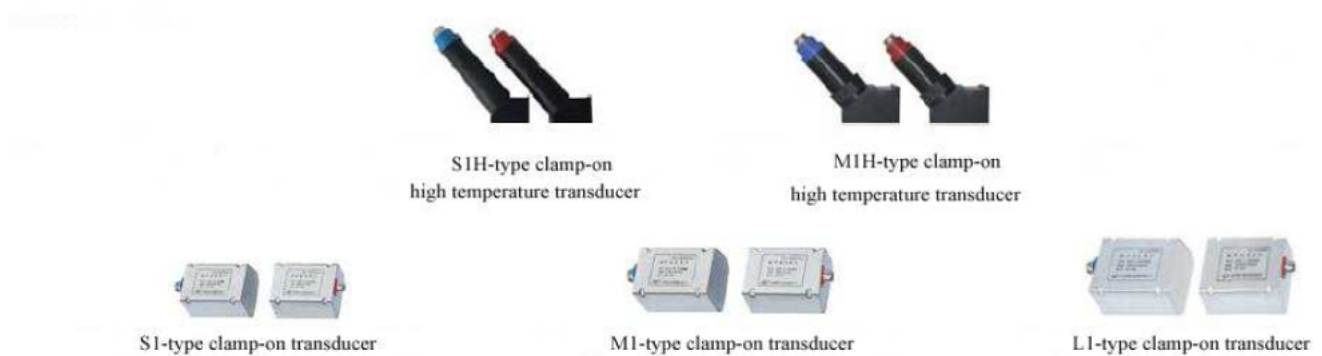
- 1 Charge the battery anode
- 2 RXD
- 3 TXD
- 4 Null
- 5 GND: GND
- 6 OCT output
- 7 Null
- 8 Charge the battery cathode
- 9 The ring input to Connect the modem





# Portable ultrasonic flow meter

## Transducer Options



Technical parameters	S1-type	M1-type	L1-type	S1H-type	M1H-type
Pipe size (mm)	DN15~100	DN50~700	DN300~6000	DN15~100	DN50~700
Pipe size (inch)	( 1/2~4" )	(2~28" )	( 12~240" )	( 1/2~4" )	( 2~28" )
Material	ABS			Special high-temp materials	
Frequency	1MHz				
Installation method	V(N/W)	V/Z	Z	V(N/W)	V/Z
Calibration	Calibrate with main unit				
Magnetism	Magnetic		No magnetic		
Temperature	32F~158F ( 0°C~70°C )			32F~320F ( 0°C~160°C )	
Protection class	IP65				
Dimension (mm)	45×30×30	60×45×45	80×70×55	90×85×24	90×82×29
Weight (g)	75	250	650	94	150
Liquid types	Water、 sea water、 waste water, chemical liquids, oil, crude oil, alcohol, beer, etc.				
Suspension concentration	< 10,000ppm and particle size less than 80um. May contain very small amount of air bubbles.				
Pipe material	Carbon steel、 stainless steel、 cast iron、 copper、 PVC、 aluminum、 fiberglass-epoxy, ect. Allow pipe liner				

