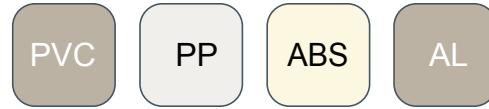


# Ultraflo UF500 SERIES

## Clamp-On Ultrasonic Flow Meter



- ½ - 2" Pipe Sizes
- No Contact with Fluid
- Accuracy ±2.0% of Full Scale
- No Pipe Cutting
- 4-20mA Output



**SERIES : UF 500**



### Features

- Large Blue OLED Low Light Display
- High Accuracy | ± 2.0 of Full Scale
- Pipe Size ½ - 2"
- Flow Rate + Totalizer | Resettable
- Flow Velocity Range | 0.3 to 15 ft/s | 0.1 to 5 m/s
- Eprom Memory | Totalizer Value Will Not Be Lost
- Works on PVC | PP | PVDF | PE | SS | Copper Pipe
- Heavy Duty Industrial Design
- M16 Quick Disconnect
- Simple Programming
- Compact Design



### Applications

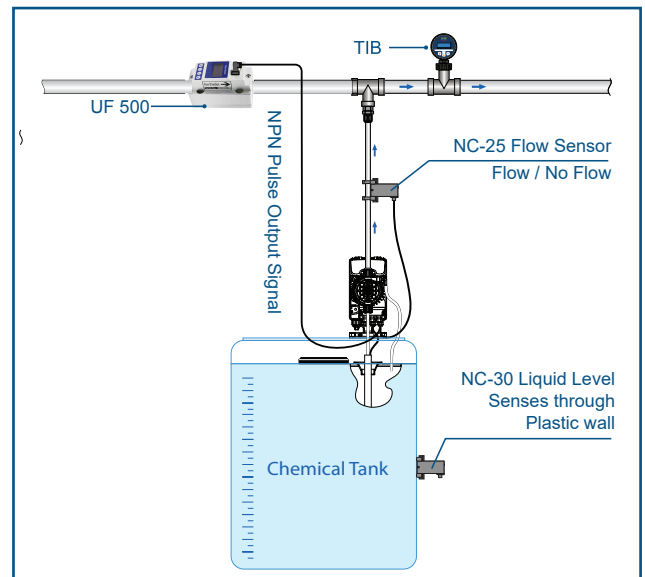
- Chemical Processes
- Water Usage
- Scrubber | Gas Stacks
- Sodium Hypochlorite
- Visual Flow Indication
- Totalizer - Batching Applications

The Truflo UF500 Series flow meters are easy to install with exceptional long life performance, Truflo Ultrasonic flow sensors are highly repeatable, rugged sensors that offer exceptional value with little or no maintenance.

The UF500 Series has a wide dynamic flow range of 0.1 to 5 m/s (0.3 to 15 ft/s). The sensor sends over 50 pulses/sec in order to provide accurate measurement of liquid flow rates in full pipes and can be used in low pressure systems.

The UF500 Series meters are offered in a variety of materials for a wide range of pipe sizes. The body housing material includes PVC, PP, ABS or Aluminum to protect against external corrosion.

The UF500 Sensors can be installed in under three minutes and require no alteration to current piping configurations



## Specifications

General		
Operating Range	0.3 to 15 ft/s	0.1 to 5 m/s
Pipe Size Range	½ to 2 in.	
Totalizer Storage Function	E Prom Memory   Daily   Monthly   Yearly	
Linearity	±2.9% of max. range @ 25 °C (77 °F)	
Repeatability	±0.8% of max. range @ 25 °C (77 °F)	
Output	4-20mA	
Protection Level	IP54	

Materials	
Sensor Body	PVC   PP(Pigmented)   ABS   Aluminum

Electrical	
24VDC	
M16 Quick Disconnect	

Display	
OLED 128 * 64 Dot Matrix	

Units	
US Gal   Liters/Minute or M/S	180 psi @ 68 °F

Totalizer Units	
6-Digit Accumulator	

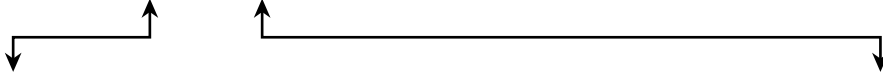
Operating Ambient Temperature	
0 °F to 120 °F	

Environmental Humidity	
0 °F to 120 °F- No Condensation	

Standards and Approvals	
CE, FCC,	
RoHS compliant,	
Manufactured under ISO 9001 for Quality and ISO 14001 for Environmental Management and OHSAS 18001 for Occupational Health and Safety	

## MODEL SELECTION

UF 500 - **A** - **25**



Body Material	Insertion Length
P = PVC   PP = PP   AB = ABS   A = Aluminum	20 = 1/2"   25 = 1"   40 = 1 1/2"   50 = 2"

## DIMENSIONS | unit : mm

Model	A (mm)	B (mm)	C (mm)	D (mm)	
				min	max
UF-20	25	8	58	1.5/Φ20	8/Φ23
UF-25	25	15	58	1.5/Φ25	4.5/Φ28
UF-32	28.5	18.5	58	1.5/Φ32	4.5/Φ35
UF-40	29.5	24	68	1.5/Φ38	8.5/Φ45
UF-50	36	27	78	1.5/Φ48	8.5/Φ54
UF-63	41	32	91	1.5/Φ58	.5/Φ64

