

AQUAMEAS INST PVT LTD		DATA SHEET FOR ULTRASONIC FLOW MEASURING SYSTEM	DS No	INST/AZ/13	
Checked by	DSS			REV	0
Approved by	KPJ			Date	11/27/2010
Sr No	particular	Description			
GENERAL SPECIFICATION					
1	Service	Flow measurement			
2	Range	upto DN 6000			
3	Range setting	As per process requirement and adjustable over full span and selectable			
4	Overall Accuracy of measurement loop	± 1% of the range			
FLOW SENSOR					
	Make	Aquameas			
1	Type	Clamp-on, Portable			
2	Sensor	Rated S Type, M type, & L type Model to cover entire range Up to 6000 mm			
3	Measuring principle	Transit Type			
4	Pipeline Material permissible	MS / CI / PVC / AC / HDPE / lined ( inner side )			
5	Velocity	0 to ± 30 m/s			
6					
FLOW TRANSMITTER					
1	Type	2 X 20 lattice type Visible in a poor light liquid crystal display			
2	Programming	Via 4 X 4 +2 dabbing keypad			
3	Work temp	-25 – to +125 deg. C			
4	Communication	Data interface RS 232 OR RS 485			
5	Battery back up for Totaliser	Available			
6	Flow facility to discard faulty sensor	Available			
7	Totalizer	7- digit totals for net, positive & negative flow respectively			
Note :					