



## TURBIDITY MONITORING DEVICE 90



**TMD-90**



## SPECIFICATION TMD-90 UNIT

<b>Range:</b>	200 NTU (600 NTU) extended version
<b>Resolution:</b>	0.1 NTU
<b>Accuracy:</b>	Up to $\pm 5$ NTU below 100 NTU
<b>Response Time:</b>	< 5 sec.
<b>Linearity:</b>	better than $\pm 2$ %
<b>Display:</b>	Yellow Graphic Display
<b>Datalogging System</b>	Yes
<b>Power Supply:</b>	24 V AC or DC $\pm 10$ %
<b>Consumption:</b>	< 5 VA
<b>Alarm Points 1, 2:</b>	Adjustable, (Works adjustment 50 NTU)
<b>Alarm 1 Operating Delay:</b> (for annunciation purpose)	Adjustable between 1 – 540 sec. (Works adjustment 2 sec.)
<b>Alarm 2 Operating Delay:</b> (for control purposes)	Adjustable between 1 – 10 sec. (Works adjustment 10 sec.)
<b>Alarm Indication:</b> (Alarm 1, 2, System Fault)	Red LEDs
<b>Alarm Contact Rating:</b> (Alarm 1, 2,)	Potential free 1 pole change over contacts, 3 A / 240 V AC
<b>Output Signal:</b>	0 – 20 mA or 4-20 mA selectable, ext. Load < 150 $\Omega$
<b>Sample Pressure:</b>	0 – 10 bar recommended rang of installation
<b>Sample Flow:</b>	Approx. 0.3 - 3 l/min
<b>Sample Temperature:</b>	+ 1 to + 65° C
<b>Ambient Temperature:</b>	+ 1 to + 55° C
<b>Size:</b> Computer Unit Measuring Cell	185 mm W x 210 mm H x 65 mm D 140 mm W x 160 mm H x 65 mm D
<b>Weight:</b>	2.5 kg
<b>Degree of Protection:</b>	IP 65
<b>Pipe Connections:</b>	R ¼" Female
➔ Technical specifications are subject to change without notification.	

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