



ES-700-P PROBE TYPE TURBIDIMETER

The ES-700-P is a nephelometric turbidity “probe” with a controller. The probe has several advantages over other products. There is no pumping or piping system required for operation. Unlike other products, the probe has a robust light rejection, which makes it very useful in outside tanks. The solid state light source is superior to incandescent light sources that have to be replaced and do not have the stability of solid state light sources. The controller is housed in a NEMA 4X-fiberglass enclosure with optional window, low and high set point relay with deadband and 4/20-ma output for loop operations. The 4/20ma board has span and zero adjustment pots for field adjustments. The probe unit also has a unistrut slide for easy removal.

ES-700-P SPECIFICATIONS

Probe Length.....	8.9 inches
Diameter.....	1.25 inches
Turbidity Ranges (NTU).....	.002-5, .002-10, .002-19.99
External Material Construction.....	PVC or SS, acetel, borosilicate glass
Sealing Method - Wetted.....	silicone, electronic encapsulant
Flow Requirement,.....	<u>NO Flow</u> necessary
Controller Enclosure	NEMA 4X Fiberglass

ELECTRICAL/OPTICAL

Power Requirement.....	120 VAC (Battery Option Available)
Power Consumption.....	2 Watts
Outputs.....	0-5 Volts Standard (Others Available)
Light Source.....	Solid State
Light Source Modulation.....	5 - 3,500 Hz

