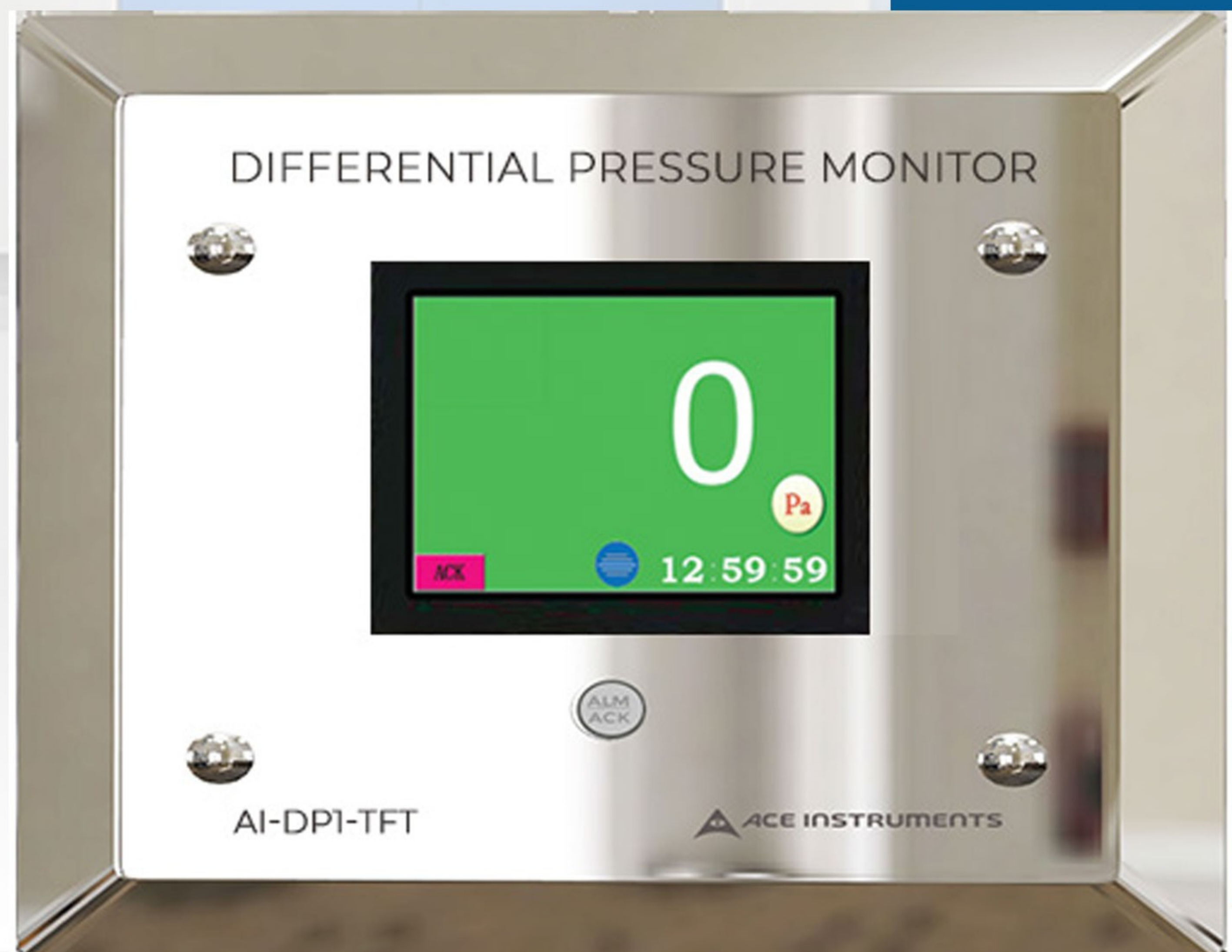


Differential Pressure Monitor with color TFT Screen

Model: AI-DPI-TFT



TFT Screen Differential Pressure monitors are digital readout differential pressure gauges suited for application in laminar air flow cabinets, clean rooms, biosafety cabinets, AHU, etc. Differential pressure monitors are part replacement for the analog magnehelic[®] gauges & are easy to use with clear 3-inch full-color screens. It comes with a built-in sensor & also a buzzer alarm with an acknowledgment facility for process violation alerts. Salient features include unit conversion at the press of a key between mm. w.c. & Pascals, integrated buzzer alarm for set point violation, offset provision to meet audit requirements, analog 4-20mA output. 35 mm. Depth for clean room modular wall fitment & RS 485 Modbus communication for BMS / SCADA/PLC integration.

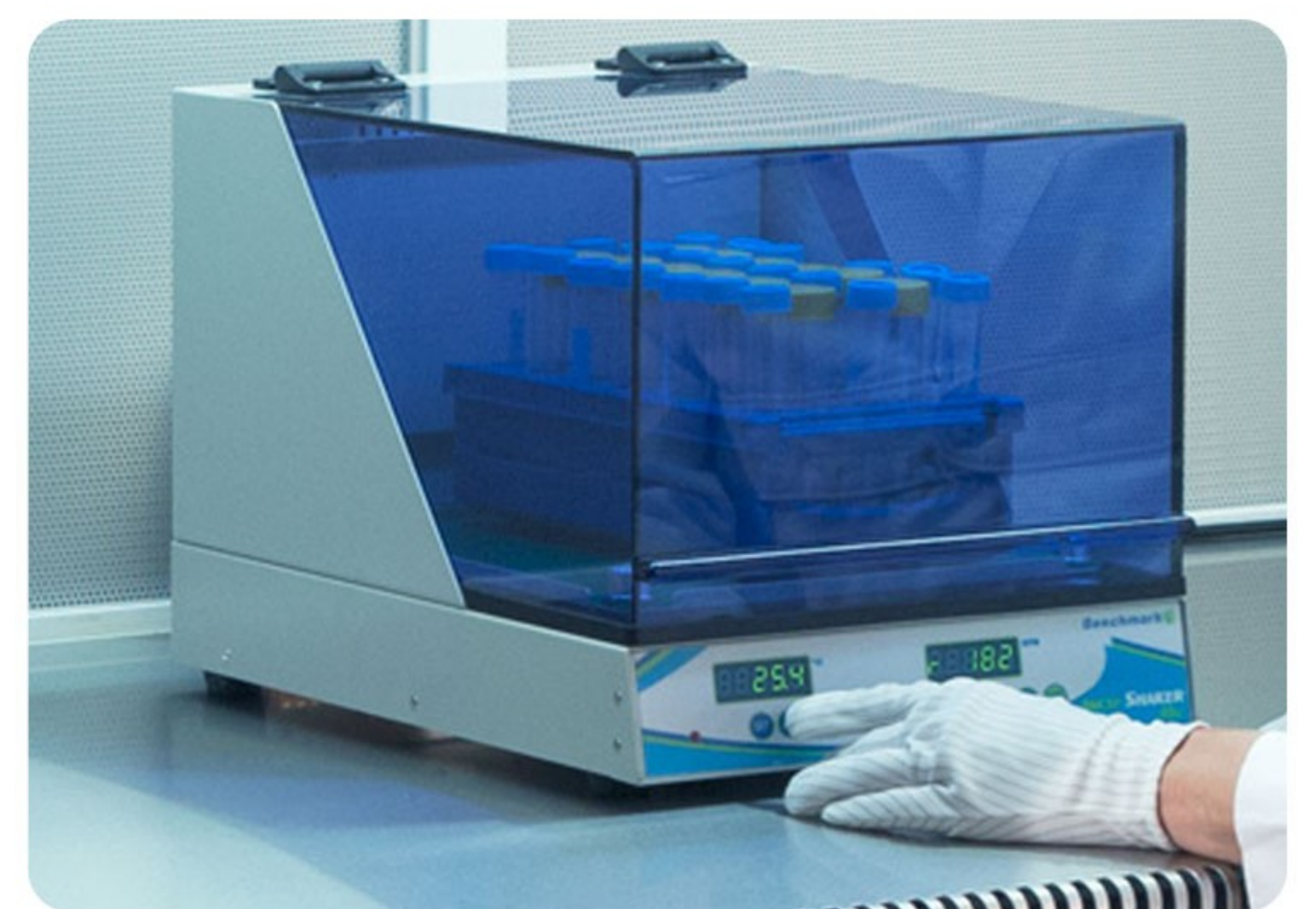
Model	AI-DPI-TFT
Measuring Range	-100 to + 100 Pascal (In Built Sensor) ; Any other range as per requirement
Accuracy	+/- 0.5% F.S.
Sensor	Inbuilt Differential Pressure sensor
Display	Single row 3" Height TFT Color Screen Display
Alarm	Built In High & Low Buzzer Alarm for Process Set Parameter Violation with touch Acknowledgement
Enclosure	Modular Wall/Brick Wall Mountable M.S. Back Box with Stainless Steel Front Flush Plate.
Real Time clock	Optional real time clock (RTC) with HH:MM:SS
Output	4-20 mA Isolated(optional)
Communication	Isolated RS485 Modbus Protocols(Optional)
Connection	2 Nos. Hose Nipples of 4mm. Stainless Steel at the Back
Power Supply	12-24VDC, by the way of 110-230 VAC, 50-60Hz Adaptor provided along with (Fits well in USA and European countries Also)
Calibration	Will be provided at no extra cost valid for 1yr traceable to Electronic Test & Development centre.
Dimensions	Front SS Plate : 135(W) x 160(H) (Approx., May Change depending on Inputs & Config) Back MS box : 105 (W)x 100 (H)x 40 (D)mm.
Supply Scope	1 unit of TFT Display Diff. Pressure Monitor, 12-24VDC Adapter, Silicon tube, Mounting screws, Instruction manual, Calibration certificate



Pharmaceutical



Clean Rooms



Laminar Air Flow Cabinets

Temp | Humidity | Pressure | Differential Pressure | Vacuum | Gases | Particle | Air Flow
Moisture | Dissolved Oxygen | Radiation | Air Quality | Light / Lux | Distance | Vibration

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