

ADT226 Multifunction Process Calibrators & ADT227 Documenting Multifunction Process Calibrators



Metrology Made Simple

Selection Guide

Models		ADT226 Multifunction Process Calibrator	ADT227 Documenting Multifunction Process Calibrator	ADT227-HART Documenting Multifunction Process Calibrator	ADT226Ex Multifunction Process Calibrator	ADT227Ex Documenting Multifunction Process Calibrator	ADT227Ex-HART Documenting Multifunction Process Calibrator
Measure							
Voltage	mV DC	±300 mV	±300 mV	±300 mV	±300 mV	±300 mV	±300 mV
	V DC	±30 V	±30 V	±30 V	±30 V	±30 V	±30 V
High Voltage	V DC/AC	±300V DC/AC	±300V DC/AC	±300V DC/AC			
Current (mA DC)		±30 mA	±30 mA	±30 mA	±30 mA	±30 mA	±30 mA
Resistance		0 - 4000 Ω	0 - 4000 Ω	0 - 4000 Ω	0 - 4000 Ω	0 - 4000 Ω	0 - 4000 Ω
Frequency		0.01 - 50,000 Hz	0.01 - 50,000 Hz	0.01 - 50,000 Hz	0.01 - 50,000 Hz	0.01 - 50,000 Hz	0.01 - 50,000 Hz
Pulse		0 - 9,999,999	0 - 9,999,999	0 - 9,999,999	0 - 9,999,999	0 - 9,999,999	0 - 9,999,999
Limit Switch		•	•	•	•	•	•
Thermocouple TC		-10 - 75 mV	-10 - 75 mV	-10 - 75 mV	-10 - 75 mV	-10 - 75 mV	-10 - 75 mV
Pressure Module Serial Ports		2	2	2	2	2	2
Source / Simulate							
Voltage (V DC)		0 - 15 V	0 - 15 V	0 - 15 V	0 - 10.5 V	0 - 10.5 V	0 - 10.5 V
Current (mA DC)		0 - 25 mA	0 - 25 mA	0 - 25 mA	0 - 25 mA	0 - 25 mA	0 - 25 mA
Resistance		0 - 4000 Ω	0 - 4000 Ω	0 - 4000 Ω	0 - 4000 Ω	0 - 4000 Ω	0 - 4000 Ω
Frequency		0.01 - 50,000 Hz	0.01 - 50,000 Hz	0.01 - 50,000 Hz	0.01 - 50,000 Hz	0.01 - 50,000 Hz	0.01 - 50,000 Hz
Pulse		0 - 9,999,999	0 - 9,999,999	0 - 9,999,999	0 - 9,999,999	0 - 9,999,999	0 - 9,999,999
Thermocouple TC		-10 - 75 mV	-10 - 75 mV	-10 - 75 mV	-10 - 75 mV	-10 - 75 mV	-10 - 75 mV
Recording							
Scaling		•	•	•	•	•	•
Min/Max/Avg/Tare		•	•	•	•	•	•
Hold		•	•	•	•	•	•
Task			•	•		•	•
On-demand Logging			10,000 readings	10,000 readings			
Features							
Intrinsically Safe (Ex)					•	•	•
Color Touchscreen Display		•	•	•	•	•	•
Port Protection		50V Max	50V Max	50V Max	Pi = 0.75W, Ui = 30V, Ii = 100mA	Pi = 0.75W, Ui = 30V, Ii = 100mA	Pi = 0.75W, Ui = 30V, Ii = 100mA
Loop power		24 V	24 V	24 V	20 V	20 V	20 V
Ramp/step		•	•	•	•	•	•
Simulate Transmitter		•	•	•	•	•	•
RTD		•	•	•	•	•	•
Thermocouple TC		•	•	•	•	•	•
Internal CJC		•	•	•	•	•	•
Bluetooth		•	•	•	•	•	•
HART Communication				•			•
Full HART Communicator				•			
Documenting			•	•		•	•
IP67 Compliance		•	•	•	•	•	•
Warranty		3 Years	3 Years	3 Years	3 Years	3 Years	3 Years
ISO 17025 Accredited Calibration		•	•	•	•	•	•