



# 2200 SERIES

## INSULATION RESISTANCE TESTERS

See how  
simple using  
our tester  
can be!



PORTABLE DESIGN

SIMPLE MENU SYSTEM

AUTOMATE WITH PLC  
CONTROL

REMOTE SAFETY  
INTERLOCK

The **2205** is our stand-alone Insulation Resistance tester designed for use on the production line or in the field. With measurements up to 200 GΩ at voltages up to 1000 VDC, the **2205** can satisfy even the most demanding application requirements. We've incorporated the simplest menu system in the industry and a portable design for safe and easy testing.



Insulation  
Resistance

2205

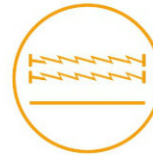
## RELEVANT APPLICATIONS

AEROSPACE  
CABLE AND HARNESS  
MOTORS  
SWITCHES AND CONTROLS

## SUPPLIED ACCESSORIES

102-045-901 Return Clip w/ Black BNC Plug 6 ft. (1.8m)  
102-055-913 High Voltage Lead 6 ft.  
125-013-001 Input Power Cable USA  
99-10040-01 Interlock Connector  
99-10258-01 Fuse

## SERIES FEATURES



Dwell



PLC Remote

On the Go  
Portability

# 2200 SERIES SPECIFICATIONS

## INPUT

<b>Voltage</b>	115/230 V selectable, $\pm 15\%$ variation
<b>Frequency</b>	50/60 Hz $\pm 5\%$
<b>Fuse</b>	1 A 250 VAC fast acting

## INSULATION RESISTANCE TEST MODE

Output Voltage	Range: Resolution: Accuracy:  Ripple:	30 - 1000 VDC 1 V ± (1% of setting + 1 V) (relative to displayed output) < 2%		
Voltage Display	Low Range: High Range: Resolution: Accuracy:	0 V - 100 V 101 V - 1000 VDC 0.1 V (low range), 1 V (high range) ± (2% of reading + 2 V)		
Resistance Display	Range:	0.01 MΩ - 200.0 GΩ (4 digit, auto ranging)		
	Resolution:		30-499 VDC	500-1000 VDC
		.001 MΩ - .1 MΩ	.1 MΩ - 1 GΩ	.1 MΩ - 1 GΩ
		1 MΩ - .01 GΩ	1 GΩ - 20 GΩ	1 GΩ - 20 GΩ
		0.1 GΩ		20 GΩ - 200 GΩ
	Accuracy:			
		30 - 499 V		
	0.1MΩ- 1GΩ	± (3% of reading + 2 counts)		
	1 - 20GΩ	± (5% of reading + 2 counts)		
		500 - 1000 V		
	0.1MΩ- 1GΩ	± (2% of reading + 2 counts)		
	1 - 20GΩ	± (3% of reading + 2 counts)		
	20- 200GΩ	± (10% of reading + 2 counts)		
Timer Display	Range: Resolution: Accuracy:	0 - 999.99 seconds 0.1 seconds ± (0.1% of reading + 0.05 seconds)		
Failure Settings	Low Limit:	0.1 MΩ - 999.9 MΩ		
		1000 MΩ - 9999.MΩ		
		10.0 GΩ - 200.00 GΩ		
Dwell Timer	1.0 - 999.9 seconds, 0.1 seconds/step, (0=continuous)			
Delay Timer	0.1 - 999.9 seconds, 0.1 seconds/step			
Discharge	Automatic discharge of device under test			
	Indicator: Green < 30 V, Red > 30 V			

## GENERAL SPECIFICATIONS

<b>Remote I/O</b>	Provided through 9 pin D type connector 1. Inputs: Test, Reset, SafetyInterlock 2. Outputs: Pass, Fail and Test-in-Process
<b>Calibration</b>	Software & adjustments made through front panel
<b>Line Cord</b>	Detachable 6' (1.80 m) power cable terminated in a three prong grounding plug
<b>Terminations</b>	High Voltage Output: Alden Socket Shielded Return: BNC Connector
<b>Dimension (W x H x D)</b>	4.75" x 5.25" x 11.75" (120 x 133 x 300 mm)
<b>Weight</b>	11 lbs. (5 kg)

Specifications subject to change without notice.

**Why We Use Counts:** Slaughter publishes some specifications using "counts" which allows us to provide a better indication of the tester's capabilities across measurement ranges. A "count" refers to the lowest resolution of the display for a given measurement range. For example, if the resolution for voltage is 1V then 2 counts = 2V.