

1300 Series



Hipot testers

Our 1300 Series Hipot testers are designed for tough manufacturing environments. With a simple feature set and the most intuitive user interface on the market, the 1300 Series improves productivity and ensures safe, reliable testing for any application.

Relevant Applications



Model 1300 Specifications

Valtaas				
voitage	115/230 VAC ± 15%, USER SELECTION			
Frequency	4/-b3 HZ			
Fuse	115 VAC, 23	0 VAC – 3.15	A slow blow 250 VAC	
TEST MODE				
	1305:	AC 0-3000) V, 5 mA	
Output Pating	1340:	2.5 kVAC @	40 mA	
Output Rating		2.5 kVAC @	10 mA when PULSE mode is	
		activated		
Output	± (1% of set	ting + 5 volts)	from no load to full load	
Regulation				
	Can be adjusted during operation via UP and DOWN			
	arrow keys.			
Voltage	1305:	0.01 kV – 3.0	00 kV	
Setting	1340:	0.00 - 2.50	kV	
Jetting	Resolution:	10 V/step		
	Accuracy:	± (2% of set	ting + 5 volts) relative to	
		displayed ou	itput	
	1305:	On, HV rema	ains on after "TEST" button	
		is pushed	<i>"</i> ————————————————————————————————————	
		Off, HV pres	ent only when "TEST" button	
Dwell		is pushed		
Setting	1340:	0.0 sec, 1.0	sec, 60.0 sec, off	
		0.0 for continous running		
		OFF: HV present only when "TEST" but-		
		ton is pushed		
	1305: On, Automatic reset after failure for		tic reset after failure for	
		continuous testing. (Not for Compliance $-$		
	12.40			
Ramp/Pulse	1340:	PULSE: automatic reset after failure for		
Setting		continous te	esting.	
_		Range:	Puise, 0.1 – 999.9 sec	
		Resolution:		
	Not for com	Accuracy:	± (0.1% + 0.05 sec)	
	NOT IOF COM		$0.00 - 5.00 m \Lambda$	
	1205.	Posolution:	0.00 = 3.00 mA	
	1305:	Accuracy:	+ (2% of sotting + 0.02 mA)	
	1240.	Accuracy:	1 (2 % 01 setting + 0.02 mA)	
Failure Setting		High Limit:	0.00 - 10.00 mA,	
		ingii Liint.	PLILSE mode is activated	
	1340.	Resolution:	0.01 mA / step	
		Accuracy:	+ (2% of setting + 0.02 mA)	
METEDING	(1 digita)	Accuracy.	1 (270 01 Setting + 0.02 mA)	
WIETEKING		Pange:		
	1305:	Range:	AC 0.00 - 3.00 KV	
		Resolution:	1/2 % of reading + 10 V/	
Voltmeter	1240.	Accuracy:	$\pm (2\% 01 \text{ reading} \pm 10 \text{ V})$	
	1340:	Range:	0.00 - 2.50 KV	
		A coursour	U.UI KV	
Ammeter	1240.	Accuracy:	$\pm (2\% \text{ of reduing} \pm 10 \text{ volts})$	
	1340:	Range:	0.00 - 40.00 mA when	
			0.00 – 10.00 IIIA WIEII	
		Resolution		
		Accuracy	+ (2% of reading $\pm 0.02 \text{ mA}$)	
	13/0.	Range	1 (2/0 OI ICduilig + 0.02 IIIA)	
Timer	1340:	Recolution:	0.0 - 333.3 set	
			$+ (0.1\% \text{ of reading} \pm 0.05)$	
		Accuracy.	$\pm (0.1\% \text{ OF FEAULUS} \pm 0.03)$	
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GENERAL SPEC	IFICATION	IS	
Remote Control	The following input and output signals are provided through the 9 pin D type connector:		
	1305:	Test Input	
	1340:	Test, reset, and interlock	
	Outputs:	pass, fail, and test-in-process	
	Current:	DC 0.1 A ± 0.01 A, fixed	
Optional Ground Continuity Check	Max Ground Resistance:	$1 \ \Omega \pm 0.1 \ \Omega$, fixed	
Calibration	Software & adjustments made through front panel		
Mechanical	Bench top model		
Line Cord	Detachable 6' (1.80 m) power cable termi- nated in a three-prong grounding plug		
Terminations	6' (1.80 m) high voltage safety retracting probe		
	6' (1.80 m) high voltage clip probe		
	6' (1.80 m) return clip lead		
Dimension	(W x H x D) 4.75" x 5.75" x 14.5"		
	(120 x 146 x 370 mm)		
Weight	1305:	16.0 lbs. (7.25 kgs)	
- 0 -	1340:	20 lbs. (9 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.

1305 Supplied Accessories

102-050-913	High Voltage Probe (6 ft.)
102-069-904	Return Clip (6 ft.)
125-013-001	Input Power Cable (6 ft.)
99-10097-01	Fuse

1340 Supplied Accessories

102-050-913	High Voltage Probe (6 ft.)
102-055-913	High Voltage Clip (6 ft.)
102-069-904	Return Clip (6 ft.)
125-013-001	Input Power Cable (6 ft.)
99-10398-01	Fuse