



CALL TOLL FREE **1-800-373-9989**

## IPTS 180 Degree Peel Tester

**Models:**

- IPTS-1 capacity 1 lbf
- IPTS-4 capacity 4 lbf
- IPTS-11 capacity 11 lbf

- 15" (400 mm) stroke, peel for tapes and other adhesive material
- Speed (selectable): 120, 200, 300, 500, 1000, 1500 mm/min
- EL electro luminescent display with user-friendly program menus in eight languages
- Units (selectable) lbf (ozf), kgf (gf), and N
- Programmable high/low setpoints with color-coded LED indicators and output signal for quick Go/No Go testing
- Real time and peak mode (selectable)
- 1,000 Data memory for computer download
- USB, RS-232C and Analog outputs
- Overload capacity 150% of F.S. (Overload alarm and output signal)
- USB cable, power cable, film grip, spacer block and Calibration Cert Traceable to NIST included
- Optional [data acquisition software](#) with peel force profile graph and statistics
- Optional [80A durometer rubber roller](#) bonds samples to the test bed using consistent pressure.



The IPTS 180 degree peel tester's screw drive and state-of-the-art brushless motor provide extremely smooth operation over the entire speed range that enables consistent peel testing.

The new EL electro luminescent display and easy-to-use menus in English, Spanish, French, Chinese, German, Italian, Korean, and Japanese simplify the selection of units, speed and high/low setpoints.

The IPTS peel tester processes and transmits 2,000 data/second via USB or RS-232 connections to optional Force Recorder data acquisition software to generate smooth peel force profile graphs.

Samples up to 3.46" wide and 7.75" long can be tested.



**RANGES**

IPTS Ranges (Resolution) - Accuracy: ±0.2% F.S. ±1 LSD

Model	Capacity (Resolution)				
	Ounces	Pounds	Grams	Kilograms	Newtons
IPTS-1	18.00 (0.01 ozf)	—	500.0 (0.1 gf)	—	5.000 (0.001 N)
IPTS-4	—	4.400 (0.001 lbf)	—	2.000 (0.001 kgf)	20.00 (0.01 N)
IPTS-11	—	11.00 (0.01 lbf)	—	5.000 (0.001 kgf)	50.00 (0.01 N)

**SPECIFICATIONS**

**IPTS Specifications**

<b>Speed (selectable)</b>	<b>120, 300, 500, 1000, 1500 mm/min</b>
<b>Stroke</b>	15.74" (400 mm) (peel length: approx. 200 mm)
<b>Peeling Angle</b>	165~180°
<b>Max. Sample Width</b>	3.46" (88 mm) max. (Grip: 20 mm, Clamp: 50 mm)
<b>Max. Sample Thickness</b>	Grip: 3 mm, Clamp: 13 mm
<b>Units (selectable)</b>	lbf (ozf), kgf (gf), N
<b>Output</b>	USB, RS-232, Analog (-2 to +2 V F.S.)
<b>Overload Capacity</b>	Approx. 150% F.S. (LED flashes and alarm sounds beyond 110%)
<b>Sampling Speed</b>	Max. 2,000 data/sec (2,000 Hz)
<b>Safety Features</b>	Emergency Switch, Overload Stop Function, Stroke Limit Switch
<b>Operating Temp.</b>	32° to 100°F (0° to 40°C)
<b>Power</b>	115/230 VAC
<b>Weight</b>	24.2 lb (11 kg)

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