

## MECHANICAL CHARACTERIZATION

### Friction tester

THWING-ALBERT  
PF 2260

The Thwing-Albert FP-2260 Friction/Peel Tester is a versatile testing instrument for measuring the coefficient of friction, peel strength, seal strength and tensile strength of flexible plastic films, paper, labels, tapes, nonwovens, textiles and other sheet materials. This Coefficient of Friction Tester (COF) / Peel Tester can measure static and kinetic coefficient of friction as well as run seal strength tests, 180° peel, 90° peel, and T-peel tests.

The FP-2260 also offers a tensile test mode to perform lightweight tensile tests up to 10 kg.

The instrument allows to realize measures varying temperature, furthermore it is simple to use, thanks to a user interface with an immediate interpretation.

### Optional accessories and fixtures to perform a variety of peel, COF:

- Clip clamp, for thick or thin sample materials
- Sample clamp, ideal for thin-sheeted materials
- The 180 degrees peel arm for peel testing

## Specifications

- **Model name**  
FP-2260 Friction/Peel tester
- **Industry**  
Adhesives, corrugated, foils/metals, medical, nonwovens, packaging, paper, paperboard, plastic film, rigid plastics
- **Testing property**  
Adhesion, coefficient of friction, peel, tensile
- **List of standards**  
ASTM D1894, D4521, D3330, TAPPI T816, ISO 8295
- **Load cell**  
500 g
- **Force accuracy**  
10% to 100% load capacity:  
 $\pm 0.25\%$  measuring value |  
less than 10% load capacity:  $\pm 0.025\%$  of load cell capacity
- **Force resolution**  
0.1g for all load cells
- **Force units**  
Grams, kilograms, ounces, pounds, newtons
- **Travel distance**  
0.1 to 14.0 in (0.3 to 38 cm)
- **Test times**  
0.1 to 99 seconds- variable for COF, and peel
- **Standard travelspeed**  
1 to 20 in/min (25.4 to 508 mm/min)
- **High travel speed**  
10 to 110 in/min(254 to 2,794 mm/min)
- **Standard COF sleds**  
200 gm
- **Power requirements**  
110-230 Volts, 50-60 Hz

