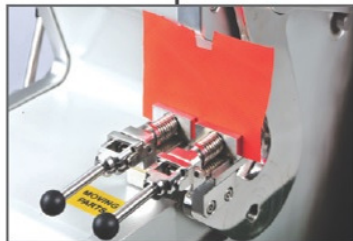




The PowerTear is the most versatile Elmendorf tearing tester of its kind available. It is designed to provide accurate results while being easy to use. Paper, cardboard, plastic, textiles, and nonwovens are all materials that can be tested using the PowerTear. Electronic braking and two button release make the instrument safe while a rotary encoder, pendulum balance control, and a bearing on the release pin make it accurate and reliable. Lever clamps make sample loading faster and easier for the operator. The versatility of the PowerTear allows for a wide range of capability for testing both light and heavy weight materials.

- Test weights and check weights A-D included (8 N, 16 N, 32 N, 64 N)
- Test weight and check weight E available separately (128 N)
- Lever clamps for quick and easy sample loading
- Rotary encoder provides greatest accuracy available
- Electronic braking system halts the pendulum after the test for user safety
- Seven units of measure from which to choose
- Ability to adjust zero balance of pendulum
- Solid base plate provides stable test platform and eliminates instrument shift
- Two hand release mechanism keeps operators safe
- Results display on the instrument 's LCD display
- Software included for downloading and storing results



#### STANDARDS: TEXTILES

ASTM D 1424	DIN 53862	EN ISO 13937-1	ISO 4674-2	ISO 9290	M&S P29	NEXT 17	NF G07-149
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#### STANDARDS: NONWOVENS

ASTM D 5734	WSP 100.1
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#### STANDARDS: PAPER

APPIA P 400	ASTM D 689	BS 4468	CSA D9	DIN 53128	EN 21974	GB/T 455
ISO 1974	JIS P 8116	PAPTAC D9	SCAN P11	SNV 198482	TAPPI T414	UNI 6444

#### STANDARDS: PLASTICS

ASTM D1922	GB/T11999	ISO 6383-2	JIS K7128-2	NFT54 141
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#### SIZE

WEIGHT	85kg / 188lbs
DIMENSIONS	420mm(w) x 620mm(d) x 430mm (h) 16in (w) x 24in (d) x 17in (h)

#### ORDERING INFORMATION

M008HE	PowerTear Elmendorf Tester 220V/110V
107014	E Pendulum Kit - Extend Capacity to 128N
103999	Spare Cutting Blade