

DIGITAL TAPER GAUGE

ST120 TrueTAPER

The ST120 TrueTAPER measures narrow face mold taper with precise accuracy. State-of-the-art sensor technology and a user-friendly operating system make this gauge superior. The gauge is self-aligning and will remain in contact against the narrow face to take consistent readings. The benefits realized are quick and accurate readings to ensure proper end-wall support.

KEY FEATURES

- ◆ Digital interface
- ◆ Accuracy: 0.001 inches (0.03mm or 0.002°)
- ◆ Large, easy to read digits
- ◆ Simple on-screen calibration
- ◆ Units in English, Metric or degrees
- ◆ Light weight, self aligning and supporting
- ◆ Battery operated – rechargeable

PHYSICAL CHARACTERISTICS		
Parameter	Units	Value
Input Range	°	± 3
Gauge Weight	Lbs	10
Battery Power Pack	V	7.2
ELECTRICAL CHARACTERISTICS		
Full Range Output (FRO), ±1% ¹	V	± 5.0
Nonlinearity, FRO ² , maximum	%	0.05
Scale Factor	V/g	95.5
Scale Factor Temp. Sensitivity	ppm/°C	300
Bandwidth (-3dB)	Hz	2.0
Input-Axis Misalignment	°	0.15
Output at 0° Tilt, volts, maximum	V	0.04
Resolution and Threshold		1μrad
Input Voltage	V	12 to 18
Noise	Vrms	0.002



BENEFITS

- ◆ Obtain accurate taper readings
- ◆ Ensure proper narrow face support
- ◆ Reduce breakout potential
- ◆ Proven, technologically advanced design

OPTIONAL ACCESSORIES

- ◆ Battery charger
- ◆ Calibration stand
- ◆ Protective storage case

