

Krautkramer BoltMike III

The BoltMike III ultrasonically measures tension and clamp load of threaded fasteners. A large, bright, easy-to-read display; rapid calibration and setup; and automatic temperature compensation ensure fast, repeatable, and accurate fastener tension measurements in many diverse applications.

Specifications

Key Features

- Simultaneous display of fastener load, stress, and elongation
- Long 40 hour life with five standard „AA“ alkaline batteries
- High resolution VGA LCD display to verify signal and optimize probe placement
- Large digit and bargraph display with limits for fast testing
- Automatic temperature compensation

Physical Description

7.5 inches wide (191 mm)
 5.5 inches long (140 mm)
 2.2 inches deep (56 mm)
 2.5 pounds (1.14 kg) with batteries
 Shock resistant plastic case
 Weather resistant keypad

Display

1/4 VGA Graphic Waveform LCD, 3.8 x 2.8 inches (96 x 71 mm) Viewing Area; 320 x 240 Pixel density, Update rate of 4 Hz, Adjustable contrast and backlight, Four-level ZOOM for signal enlargement

Power supply

5 “AA“ Alkaline or NiCad batteries interchangeable and easy-to-access, Operating time: 40 hours w/o backlight, A.C. Power (85 to 260 Volt)

Software

STRESSWARE (Windows 95/98/ME/NT/2000) to download measurements, create reports, upload test parameters



Test specifications

Measurable Fastener Length: 0.75 to 250 inches / 19 to 6350 mm:
 Fastener and Test Memory: 10,000 fasteners in 512 groups:
 Measurement Modes: Initial to first pulse; multiple echo for short fasteners;
 Units: Load, stress and elongation in English and Metric units;
 Stored material constants:
 12 common fastener materials.

Operating temperature

-10 bis +50 °C

Scope of delivery

- BoltMIKE III-Base unit
- BoltMIKE III-power supply
- Operating manual
- Probe cable 3 m
- Temperature sensor
- Serial PC cable
- Parallel interface cable
- Carrying case
- 5 “AA“ Alkaline or NiCad batteries
- 4 oz. bottle of glycerine couplant
- Medium ship case
- STRESSWARE software

