SAFETY FEATURES

• Safety interlocks on all access doors to prevent access to internal components when the machine is electrically charged

STANDARD HARDWARE

• Sample Holders with certified flatness, hardness, and surface finish
• Sample insulators
• ESD Needles

OPERATING RANGE

• “Approaching Needle” method
• “Fixed Height Needle” method
• 0-0.75” adjustable gap between electrically charged needle and grounded base plate
• Adjustable capacitance values ranging between 0.10E-04 - 0.75 microfarad
• 0 - 10,000 VDC applied voltage range
• 120 VAC (220 V single-phase @ 50 HZ for international applications)

OPTIONAL HARDWARE

• Reaction detection system
  • High speed video
  • Data acquisition system including laptop
  • GoDetect software (inquire for more details)

SAFETY FEATURES (CONT.)

• Remote firing switch to be used when testing highly sensitive materials
• Operator shielding

STANDARDIZED OPERATING INSTRUCTIONS

Explosives Testing Users’ Group (ETUG) approved:
• Owner’s Manual
• Operating Manual
• Testing Procedures
• Calibration Protocol
• Procedure for resurfacing sample holders

INCLUDED SERVICES

• On-site setup, calibration, and training
• 1 year parts and workmanship warranty

SPECIFICATIONS

Meets criteria for:
• MIL-STD 1751, methods 1031, 1032, and 1033