



Product Code: B265

SmartPulse | Electro-Mechanical Dynamic Testing System

Description:

The SmartPulse 18 kN Electro-Mechanical Dynamic Testing System offers precise static and dynamic load application for asphalt, soil, and unbound granular materials. It includes a climatic chamber (2°C to 60°C, optional refrigeration to -10°C) and a CDAS2 digital control system with 16-channel data acquisition, ensuring versatile and reliable operation.

Technical Specifications

Space Between Columns: 380 mm	Vertical Space: 778 mm
Servo Actuator Stroke: 50 mm	Frequency: Up to 100 Hz
Static Load: 12 kN	Dynamic Load: 18 kN
Temperature Range (Thermoelectric Unit): 2°C to 60°C	Temperature Range (Refrigeration Unit): -10°C to +60°C
Power Supply: 230V, 50-60 Hz, 1ph, 10A / 110V, 60Hz, 1ph, 19A	Dimensions: 1900(h) x 1000(d) x 850(w) mm
Weight: 380 kg approx.	Design: Compact, fully self-contained, precision-engineered unit