



Model 743 Balancing Instrument

Features:

Model 743 is a dedicated, single and two plane, high-production, dynamic balancing instrument designed to provide one-touch efficiency to high-speed balancing processes.

The 743 stores up to 100 rotor configurations in its memory. Operators quickly recall workpiece information and begin balancing without calibration.

The 743 displays amounts and locations of unbalance for one, two and segmented correction planes. Amounts are displayed in units of calibrated weight and position angles are displayed in degrees or segment component.

Model 743 Includes:

Model 743 Balancing Instrument
Power cord
Manual & Calibration Certificate

Options available: (consult factory)
Vibration Pickups and Pickup Cables
Photocell Reference and Cables

Specifications:

FREQUENCY RANGE: 200 - 9999 RPM
VIBRATION INPUTS: (2) Two
REFERENCE INPUTS: Photocell (Model 105)
Magnetic (Model 102)
INDICATORS: Phase Lock, Over Range,
Ready, Computer Fault.
Calibration and Spindle
Correction prompts.
CONTROLS: Thumbwheel Rotor Number, Type (1, 2,
segmented), Calibration
Weight, Calibration Angle
Toggle Add/Remove Balance Weight,
Photocell Reference Selector,
Rotation
Pushbutton Enter, Reset, Power, Zero
Check
SCALES 1, 10, 100, 1000 (with LED
indicators



MEMORY Program = 20k PROM
Data = 2k RAM + 2k EEPROM
DISPLAYS: 4-digit LCDs: Amount, Angle,
RPMs
TEMPERATURE: 32° to 130°F (0° to 55°C)
ENVIRONMENTAL: Relative humidity 0-95% non-
condensing
SIZE 17" x 15" x 9"
(43 x 38 x 23 cm)
WEIGHT 30 lbs (13.6 kg)