



Model 216-D Vibration Analyzer/Balancer

Features:

Model 216-D Portable Vibration Analyzer/Balancer is a combination vibration analyzer and balancing instrument for field and shop use. The unit is powered by either the 12 VDC rechargeable battery or by 115 VAC shop power. Operators can use the 216-D to troubleshoot vibration problems at remote sites or provide on-site single- and two-plane dynamic balancing services for fans, grinding wheels, spindles, crushers, pumps and other rotating machinery.

The easy-to-use Balmac Balancing Calculator automatically provides the correct balancing solution for single-plane, two-plane and segmented balancing problems. Ask the factory for more information about this optional accessory.

Model 216-D Kit#1 Includes:

Model 216-D Analyzer/Balancer
 Strobe Light and Strobe Light Cable
 Model 158 Pickup and Pickup Cable
 Model 055 Magnetic Base Clamp
 Model 051 Probe Tip (7")
 Model 036 Carrying Case
 Manual and Calibration Certificate
 "B" Book Guide to Single Plane Balancing
 Vibration Severity Wallet Card
 Optional: Balmac Balancing Calculator

Specifications:

AMPLITUDE RANGE:

English: 0.03, 0.1, 0.3, 1, 3, 10, 30, 100 mils (peak-to-peak) Displacement, in/sec (peak) Velocity and g's (peak) Acceleration

SENSITIVITY:

Displacement: 0.001 mil (0.000001 inch)

Velocity: 0.001 inch/sec

ACCURACY: 5% of Full Scale

FREQUENCY

RANGE: 165 to +200,000 rpm (2.75 to +3333 Hz)

DISPLAYS: Amplitude Meter (Analog) 2 Scales:

0 to 10 Full Scale Top

0 to 3 Full Scale Bottom

RPM Meter 4-digit LED



POWER: 117 to 220 VAC, 50/60 Hz or internal battery.

TEMPERATURE

RANGE: 32° to 122°F (0° to 50°C)

ENVIRONMENTAL: Relative humidity 0-95% non-condensing

VIBRATION

INPUTS Two (for Model 158 pickup)

DIMENSIONS 11 3/4" x 6 3/4" x 9 1/4"

(30 x 17 x 24 cm)

WEIGHT 12 lbs (5 kg)

Unit, accessories & case 25 lbs (11 kg)

ACCESSORIES

Model 295 Strobe Light

Model 158 Pickup

Magnetic Pickup Base

Probe Tip

Cables

Carrying Case

Balmac Balancing Calculator

OPTIONS