

Model 216-D Vibration Analyzer/Balancer

Available from Balancing USA

The 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.

OPTIONS: A balancing calculator, "The Consulting Caddie" is available to automatically provide the correct balancing solution for single-plane, two-plane and segmented balancing problems. More information on the Consulting Caddie is available on our website. Also available is our Machinery Balancing Manual, which provides a better understanding of vibration analysis and balancing.



The Model 216-D Includes:

Model 216-D Analyzer/Balancer
Strobe Light
Strobe Cable, 15 foot
Model 158 Pickup (2)
Pickup Cable (2); one 15 foot, one 25 foot
Model 055 Magnetic Base Clamp (2)
Model 051 Probe Tip (7")
Model 036 Carrying Case
Manual and Calibration Certificate
"B" Book Guide to Single Plane Balancing
Vibration Severity Wallet Card

Specifications:

AMPLITUDE RANGE:

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

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 122F (0 to 50C)
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
OPTIONS	Consulting Caddie Balancing Calculator Machinery Balancing Textbook

Price: \$5,295.00

Shipment: FOB Centerburg, Ohio

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