

## 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

### 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: 200 to +200,000 rpm (3.3 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 LCD

POWER: 115 or 230 VAC, 50/60 Hz  
Internal Battery 12 VDC

#### 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)

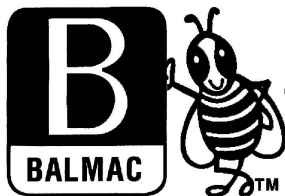
##### Unit, accessories & case

##### ACCESSORIES

Model 295 Strobe Light  
Model 158 Pickup  
Magnetic Pickup Base  
Probe Tip  
Cables  
Carrying Case

##### OPTIONS

Balmac Balancing Calculator



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