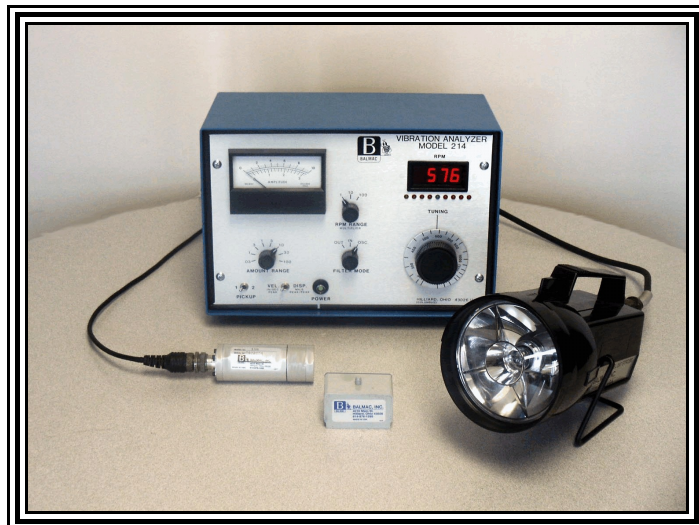


# Model 214 Vibration Analyzer/Balancer

## Features:

Model 214 Vibration Analyzer/Balancer is an all-purpose vibration analyzer and a single- and two-plane dynamic balancer for fans, rotors, shafts, grinding wheels, spindles, and other rotating machinery. The 214 features a high intensity strobe light for phase detection and maintenance troubleshooting of belts, bent shafts, misalignment and other mechanical problems. The 214 is a basic economical tool for service and maintenance shops.

The optional Balmac Balancing Calculator allows operators to enter unbalance amounts and angles. The calculator automatically provides the correct balancing solution. Ask the factory for more information.



## Model 214 Kit#1 Includes:

- Model 214 Analyzer/Balancer
- Strobe Light and Strobe Light Cable
- Model 158 Pickup and Pickup Cable
- Model 055 Magnetic Base Clamp
- 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: 105 to 125 VAC, 50/60 Hz.

TEMPERATURE

RANGE: 32° to 122°F (0° to 50°C)

ENVIRONMENTAL: Relative humidity 0-95% non-condensing

VIBRATION

INPUTS Two

STROBE LIGHT One flash per cycle to 4800 RPM

Submultiple to 200,000 RPM

DIMENSIONS 8 1/4" x 12 1/2" x 7 1/2"

(21 x 32 x 19 cm)

WEIGHT 8 1/2 lbs (3.85 kg)

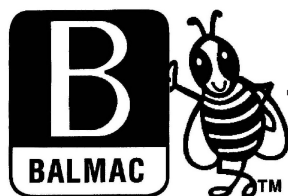
ACCESSORIES Model 297 Strobe Light

Model 158 Pickup

Magnetic Pickup Base

Cables

OPTIONS Balmac Balancing Calculator



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