



MODEL 1000VM VELOCITY MONITOR

For ultimate accuracy in incline impact testing
and in a variety of other situations

- Augments the incline impact tester with direct measurement and display of velocity
- Minimizes setup and maintenance time
- Easy to read digital display set for km/h, m/sec, mph, or ft/sec
- Unit can be integrated with existing incline impact tester
- Required for ASTM and ISTA specification compliance
- Unit can be mounted on the incline impact tester or remain separate

Performance...

The 1000VM Velocity Monitor combines state of the art digital circuitry with simple button operation. It performs velocity measurement of the inclined impact dolly quickly and easily by only requiring one input for calculation. The measurements obtained from the 1000VM are required for ASTM and ISTA compliance.

Precision....

The 1000VM has been factory set and calibrated at L. A. B. Equipment, Inc. This unit provides a single display of velocity measurement and has an easy reset feature. L. A. B. has built highly accurate state of the art technology into a unit that even the most novice can operate.

Accuracy....

By using one pulse for a velocity calculation, versus the continuous pulse train required by some other systems, there is an accurate reading every time- even with changing frequencies. The internal circuitry performs the calculation by first measuring the elapsed time of one cycle. Time is then inverted to produce a frequency, which is converted by a factory set multiplier to accurately reflect velocity.

SPECIFICATIONS

Accuracy:	1.00Hz to 100.00Hz, +/- .1% @ 25°C.
Display:	4 digits of .56" high efficiency red LED.
TTL count input:	Schmitt trigger type with no limit on rise or fall time of input pulse. Maximum count rate 100Hz.
Input Power:	115 or 220 VAC, 50 or 60 Hz
Power Line Fuse:	1/8 Amp
Sensor Current Draw	Emitter: 20mA maximum. Detector: 20mA maximum.



Standard flag, gate, and cable



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