

EVA-625 Product Update Notes:

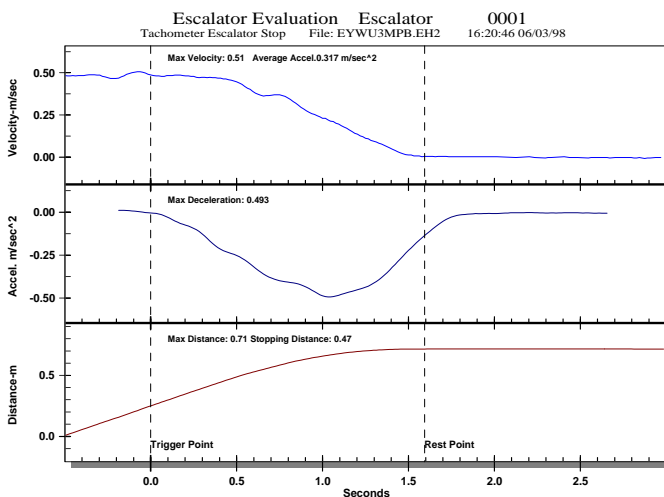
ETCH01 Tachometer Module for EVA-625

PMT has committed itself to the continuous enhancement and refinement of the EVA system. As part of that commitment, PMT has released the ETCH01 Tachometer Module as a powerful and low cost extension to the EVA-625 Elevator & Escalator Vibration and Sound Analysis system. This allows the EVA system to accurately measure and record, or display in real time, direct drive speed measurements for escalator handrails & steps, or elevator doors (any moving system can be recorded). Although the EVA Vibration Analysis Tools software calculates velocity and distance in elevator systems without the need of a tachometer, there are times when constantly moving systems such as escalators must be measured for speed at high precision. When the tachometer module is connected, the EVA-625 quickly becomes a potent & easy to use recording tachometer system. A few of the typical applications include:

- Escalator Step/Handrail Speed Documentation
- Escalator Braking Measurement & Analysis
- Elevator Door Motion Recording
- Elevator Sheave Speed

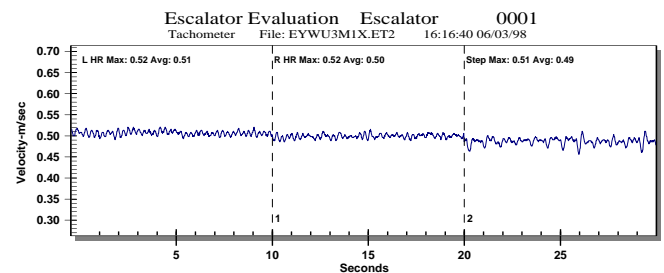


A few measurement examples:

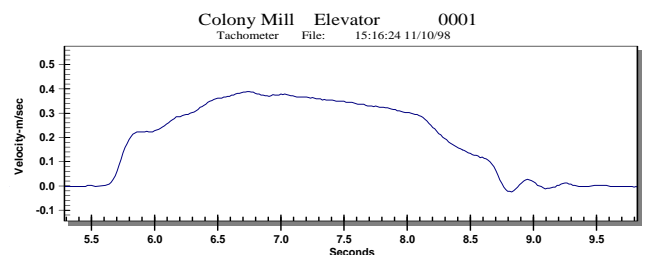


Recording & Analysis of Escalator Braking, top is the speed history, middle is deceleration, bottom is distance

For complete information on the ETCH01, or to schedule an onsite demonstration, contact your local EVA representative, or call, fax, e-mail, or write PMT.



Recording & Analysis of Escalator Left Handrail, Right Handrail, and Step



Elevator Door Speed Measurement

PMT

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Website: www.pmtvib.com

Range: +/-10.15 m/s, +/-2000 FPM
Resolution: 0.0025 m/s, .126 FPM
Typical Accuracy: 2% Over Range (I/O)

The Absolute Measure of Elevators & Escalators
V.1.51 01/2015