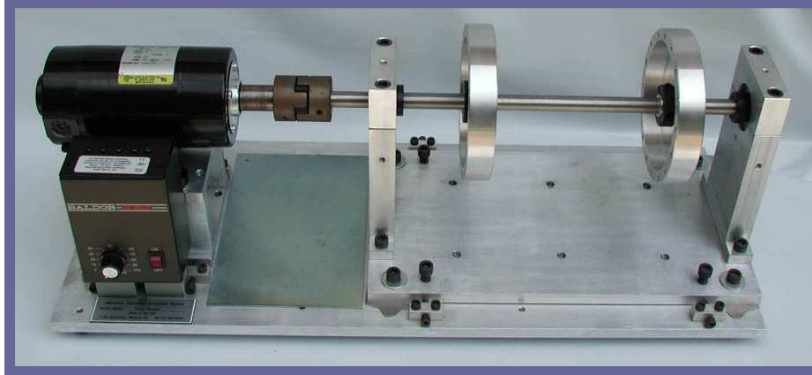


V-TEK Associates
MACHINE TRAINER PRODUCT LINE

MACHINE VIBRATION ANALYSIS TRAINER



MACHINE SHAFT ALIGNMENT TRAINER



MACHINE PULLEY ALIGNMENT TRAINER



MACHINE BALANCING-BEARING-VIBRATION ANALYSIS TRAINER



For more information on the Trainer Product Line contact **V-TEK Associates**
770-844-6475 or www.vtekassociates.com

V-TEK Associates

Trainer Product Line - Features and Pricing - January 2007

MACHINE VIBRATION ANALYSIS TRAINER – MVAT-02 Base unit...\$3,895.00

Features **Approximate size and weight 28.0" L x 11.0" W x 11.0" H 50 Lbs**
¼ HP PWM Variable Speed DC Drive w/max speed of 3,400 RPM
Two movable 1" wide split bearing blocks with 3 axis, ¼-28, sensor-mounting holes
Rotors can be configured and set to single, multi-plane or overhung conditions
Two balanced rotors with 16 equally spaced, ¼-20, trim weight, mounting holes
Adjustable motor and rotor bases using 12 jackscrews for easy alignment
Operations manual with simulation and diagnostic guides
Precision shims (4-installed under rotor base)
Eight vibration isolators, Clear Polycarbonate Safety Cover

Options

VT20020 - Shaft coupling set: Rigid, Flex and Rubber Jaw couplings;\$250
VT20021 - Defective rotor (cocked);\$250 VT20022 - Defective rotor (Eccentric);\$250
VT20018 - Resonance study beam;\$100
VT20016 - Defective Bearing set (2);\$150
VT20013 - Vibration Meter;\$1200 VT20015X -Vibration Analyzer, 1-20 channels;call
VT20017 - Optical Tachometer assembly;\$299

MACHINE SHAFT ALIGNMENT TRAINER – MSAT-03 Base unit \$1,695.00

Features **Approximate size and weight 24.0"L x 9.5" W x 12.0" H 45 Lbs**
Two adjustable modules with machined vertical & horizontal jack screws
Precision shims, Multi-Flex Coupling, Operation manual with shaft alignment guidelines
1-1/4" Solid Stainless Steel Shafts Adjustable rotational friction and axial float

Options

VT20030 - Shaft Coupling Kit – (split spider/jaw in-shear 6 pin coupling);\$250
VT20031 - Reverse Dial Indicator Kit;\$1250
VT20032 - Laser Alignment system, Basic;\$4,250
VT20033 - Laser Alignment System, Advanced;call
VT20034 - Precision stainless steel starter shim set;\$165

MACHINE PULLEY ALIGNMENT TRAINER – MPAT-02 Base unit\$695.00

Features **Approximate size and weight 23.0" L x 4.5" W x 9.0" H 17 Lbs**
Two adjustable shaft assemblies enabling parallel, axial and angular adjustments
Adjustable friction of sheave rotation – Adjustable belt tension

Options

VT20041 Laser Pulley Alignment tool; Outside rim;\$750, VT20042 In groove;\$1650

MACHINE BEARING/VIBRATION ANALYSIS TRAINER MBAT-02 Base ... \$1,995.00

Features **Approximate size and weight 15.5" L x 8.0" W x 9.0" H 15 Lbs**
1/7 HP PWM Variable Speed DC Drive, belt coupling w/max speed of 3,400 RPM
Four ½" wide split bearing housings w/3 axis ¼-28 holes and 4 mounting pads
Two balanced rotors with equally spaced holes for ¼-20, set screw trim weights,
Four Bearings: One Sleeve bearing, Three Ball Bearings
Ball Bearings include: Good reference bearing, Outer race defect, Inner race defect
Operations manual with diagnostic guides Clear Polycarbonate Safety Cover

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