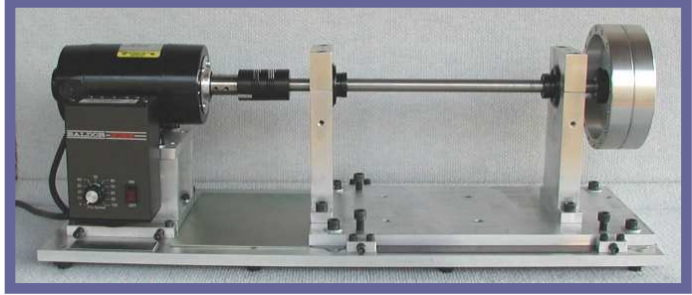
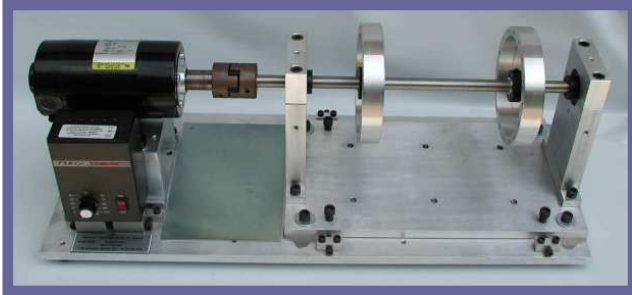
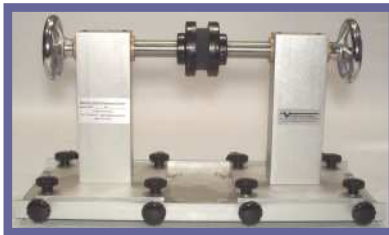


V-TEK Associates
MACHINE TRAINER PRODUCT LINE

MACHINE VIBRATION ANALYSIS TRAINER



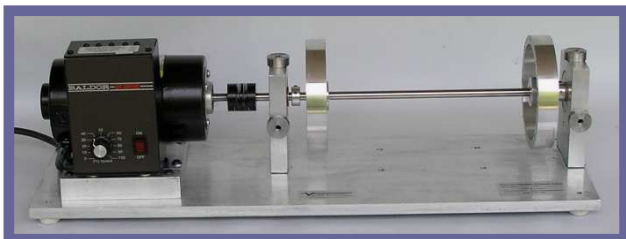
MACHINE SHAFT & PULLEY ALIGNMENT TRAINERS



MACHINE BALANCING-BEARING-VIBRATION ANALYSIS TRAINER



MACHINE VIBRATION ANALYSIS TRAINER – ROTOR KIT



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 - March 2011

MACHINE VIBRATION ANALYSIS TRAINER, MVAT-02

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 & 4 mounting pads
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

VT2020 - Shaft coupling set: Rigid & Rubber Jaw couplings
VT2021 - Defective rotor (Cocked) VT2022 - Defective rotor (Eccentric)
VT2018 - Resonance study beam VT2016 - Defective Bearing set (2)
VT2013 - Vibration Meter; VT2015X -Vibration Analyzer, 1-20 channels
VT2017 - Optical Tachometer assembly VT2019 - Bent shaft

MACHINE SHAFT ALIGNMENT TRAINER, MSAT-03

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, Flex Coupling, Operations manual with shaft alignment guidelines
1-1/4" Solid Stainless Steel Shafts Adjustable rotational friction and adjustable axial float

Options

VT2030-Coupling Kit VT2031-Dial Ind. Kit VT2034-Shim set VT2032/33-Laser Align Systems

MACHINE SHAFT ALIGNMENT TRAINER, MSAT-04

Features **Approximate size and weight 20.0"L x 10.5" W x 11.5" H 30 Lbs**
Two adjustable modules with machined vertical & horizontal jack screws
Precision shims, Flex Coupling, Operations manual with shaft alignment guidelines
1.0" Solid Stainless Steel Shafts Adjustable rotational friction and axial float

Options

VT2035-Coupling Kit VT2031-Dial Ind. Kit VT2034-Shim set VT2032/33-Laser Align Systems

MACHINE PULLEY ALIGNMENT TRAINER, MPAT-02

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

VT2041-Laser Pulley Alignment tool,Outside rim VT2042-In groove Laser Alignment tool

MACHINE BEARING/VIBRATION ANALYSIS TRAINER, MBAT-03

Features **Approximate size and weight 15.5" L x 8.0" W x 6.3" H 15 Lbs**
1/7 HP PWM Variable Speed DC Dr., w/max speed of 6500 RPM x 0.37 = main rotor speed
Two ¾" wide bearing housings w/3 axis ¼-28 holes and 4 total mounting pads
Two balanced rotors with equally spaced holes for ¼-20, set screw trim weights,
Two Bearings: Movable with bearing clearance adjustments
Optional defective bearings available: inner race defect, outer race defect
Operations manual with diagnostic guides *Options Call*

MACHINE VIBRATION ANALYSIS TRAINER / ROTOR KIT, MVAT4-01

Features **Approximate size and weight 20.0" or 24.0" L x 8.0" W x 7.5" H 26 Lbs**
¼ HP PWM Variable Speed DC Drive w/max speed of 3,400 RPM
Two ¾" wide bearing housings w/3 axis ¼-28 holes and 4 total mounting pads
Two balanced rotors with equally spaced holes for ¼-20, set screw trim weights,
Rotors can be configured and set to single, multi-plane or overhung conditions
Optional defective bearings available: inner race defect, outer race defect
Operations manual with diagnostic guides *Options Call*

For more information on the Trainer Product Line contact **V-TEK Associates**

Tel: 770-844-6475 or visit www.vtekassociates.com