

Fan Balancing Trainer



Model: 202-000

DAC Worldwide's Fan Balancing Trainer (202-000) is a precision assembly allowing for convenient demonstration and training in fan balancing and other vibration analysis-related topics. Based on the design of a typical squirrel cage fan, this heavy-duty aluminum device allows for assembly in a variety of configurations, creating a broad range of balancing scenarios.

Fan Balancing Trainer Offers Hands-On, Real-World Learning Experience

Movable pillow block assemblies, provision for even or odd number blade configurations, and multiple weight locations combine to create a challenging and realistic training tool.

The Fan Balancing Trainer features an aluminum baseplate/bearing pedestal assembly with a 1/4 HP, totally enclosed, continuous-duty, fan-cooled, split-phase motor with thermal protection and associated control switch.

The trainer requires the 202-001 Balancing Kit. It also includes a fan/rotor assembly, three bearing mounting block assemblies, sheaves, belts, shafting, fan housing guard, belt and sheave guard, and the #570-000 IPT Rotating Equipment Training Manual.

FEATURES & SPECIFICATIONS

- Service requirement: electric - 110/230 VAC, 50/60 Hz, 1-phase.
- Aluminum baseplate/bearing pedestal assembly (18" x 27").
- 1/4 HP, totally enclosed, continuous-duty, fan-cooled, split-phase motor with thermal protection and associated control switch.
- Aluminum fan/rotor assembly, 12" d x 10" l.
- Provision for 5 or 10-blade fan configuration (removable blades).
- Provision for attachment of trial weights on rotors or blades.

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- Three aluminum bearing mounting block assemblies with ¼" - 28 holes throughout, allowing for attachment of vibration pick-ups in axial and radial positions.
- Acrylic, stylized fan housing/guard with access door allowing for convenient attachment of weights.
- Sheaves, belts, and shafting.
- Belt and sheave guard.
- High-durability, powder-coated surfaces throughout.
- Allen wrench set.
- Combination wrenches.
- Weight/washer set.
- Phase target.
- Reproducible balancing diagram.
- Balancing clip selection (five each of eight sizes).
- Rotating Equipment Training Manual (IPT).
- Use Guide (call for availability).
- Packaging for shipment via motor freight.

PRODUCT DIMENSIONS DISCLAIMER: *Product Dimensions are approximate. Shipping Dimensions and Weights are for directional use only and may change based on manufacturer variables. For the most accurate Shipping Dimensions and Weights, please contact the manufacturer.*

- **Product Dimensions**

(L x W x H)

27in. x 18in. x 17in. (680 x 450 x 430 mm)

75lbs. (34kg)

- **Shipping Dimensions**

(L x W x H)

34in. L x 21in. W x 24in. H (870 x 540 x 610 mm)

129lbs. (59kg)

OPTIONS

- #202-001 - Balancing Kit
- #202-006 - Replacement Short Blade Set
- #203-003 - Vibration Meter, Basic
- #570-000 - IPT Rotating Equipment Training Manual

- #570-001 - IPT Rotating Equipment Handbook
- #202-PAC - Fan Balancing Training System Plus

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