

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.
- Provision for attachment of trial weights on rotors or blades.

- 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

- **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

Address

DAC Worldwide
3 Killdeer Court, Suite #301
Swedesboro, NJ 08085

Contacts

email: contact@dacworldwide.com
phone: (800) 662 5877