

Hung Ta™ DIN Abrasion Tester Model HT8621B: Description



CCSi features this high quality DIN Abrasion Tester for evaluating resistance to abrasion of rubber materials through the measure of the volumetric loss of a specimen exposed to the action of a normalized abrasive medium, secured to a rotating cylinder.

The Model HT8621B DIN Abrasion Tester is manufactured according to the specifications and requirements set forth in [ASTM D5963](#), DIN 53 516 and JIS K6369.

The Model HT8621B DIN Abrasion Tester features the rotation of the test specimen while it moves laterally across the rotating drum. This assures uniform contact of the test specimen to the abrasive media and provides more reliable, accurate, and meaningful test determinations. Alternatively, the specimen holder may be locked into a fixed position.

The rotating drum assembly is designed for ease of disassembly to facilitate the replacement of the abrasion medium. Removable basins, that do not require drum removal, are situated below the drum to facilitate removal of the abraded material.

The Model HT8621B DIN Abrasion Tester includes both 500 g and 1 kg weights. It features highly automated 'test cycling', is equipped with conveniently mounted instrument controls, and a highly reliable motor/drive assembly.

Hung Ta™ DIN Abrasion Tester Model HT8621B: Features

- Complies with both DIN 53 516 and ASTM D5963;
- Rotating or fixed specimen holder;
- Test with 500 gram or 1 kg load;
- Automatic electric lock of the rotating drum at the end of the test cycle;
- Mechanical unlocking of the rotating drum to facilitate replacement of the abrasive media;
- Lexan® drum cover with automatic safety lock;
- Safety push-button;
- Specimen holder correctly positions specimen for accurate, repeatable tests.

Hung Ta™ DIN Abrasion Tester Model HT8621B: Specifications

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| Specimen Holder: | Reciprocating, Rotating or Fixed Positions (x axis) |
| Drum Diameter: | 150 mm (5.91 inch) Ø |
| Specimen Size: | 16.2 mm Ø x 6 – 10 mm (0.64 Ø x 0.24 - 0.40 inch) |
| Specimen Loading: | 0.25; 0.5; 1.5; 2.0 kg (0.50; 1.1; 3.3; 4.5 lb.) |
| Counter: | 6 Digit Electronic |
| Power Required: | 110 VAC or 220 VAC |
| Drum Rotation Speed: | 40 RPM |
| Abrasive Media: | 425 µm #40 Grit, No. 1½ Garnet Paper |
| Pneumatic Source: | 4 kg/cm ² (average) |
| Dimensions (L x W x H): | 950 x 330 x 310 mm (37.4 x 13 x 12.2 inch) |
| Net Weight: | 50 kg (110.3 lb.) |
| List Price: | Please Submit a Request for Quotation (RFQ) |

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