

Hung Ta™ Model HT8051 Carbon Arc Weathering Apparatus



CCSi features this high quality Carbon Arc Weathering Apparatus for reproducing the weathering effects, which occur when polymers, elastomers, thermoplastic elastomers, vulcanized rubber, bituminous roofing and waterproofing materials and many other materials are exposed, in actual end use environments, to direct sunlight and moisture such as rain or dew or to sunlight through window glass as described in [ASTM D529](#), [ASTM D750](#), ASTM G23, which was superseded by [ASTM G152](#) and [ASTM G153](#) in 2000, ISO 4892-1 and ISO 4582.

The Model HT8051 Carbon Arc Weathering Apparatus features an access door mounted observation window, convenient front panel mounted controls, a large stainless steel test chamber, a generous specimen holder and a positive sealing access door.

Hung Ta™ Model HT8051 Carbon Arc Weathering Apparatus: Specifications

Light Source:	Enclosed Carbon Rod
Carbon Rod:	Upper: 305 x 13 mm Ø, single unit Lower: 100 x 13 mm Ø, dual unit
Black Panel:	63 ± 3 C° or 83 ± 3 C°
Temperature Range:	Ambient + 10 C° through 85 C°
Humidity Range:	Dry @ 40 C°, RH% 40 – 85 Dry @ 80 C°, RH% 30 – 50
Testing Time:	0 – 24 h
Specimen Table:	800 mm Ø (31.5 in. Ø)
Specimen Table Rotation:	1 RPM
Test Specimen:	60 pieces, 150 x 75 mm
Power Required:	220 VAC, 11 kVa, 1 PH
Testing Voltage Required:	120 – 145 VAC (135 VAC nominal)
Testing Current Required:	15 – 17 A (16 A nominal)
Interior Dimensions:	1000 x 1000 x 900 mm (39.4 x 39.4 x 35.4 in.)
Exterior Dimensions:	1300 x 2000 x 1300 mm (51.2 x 78.7 x 51.2 in.)
Weight:	380 kg (838 lb.)
List Price:	Please Submit a Request for Quotation (RFQ)

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