

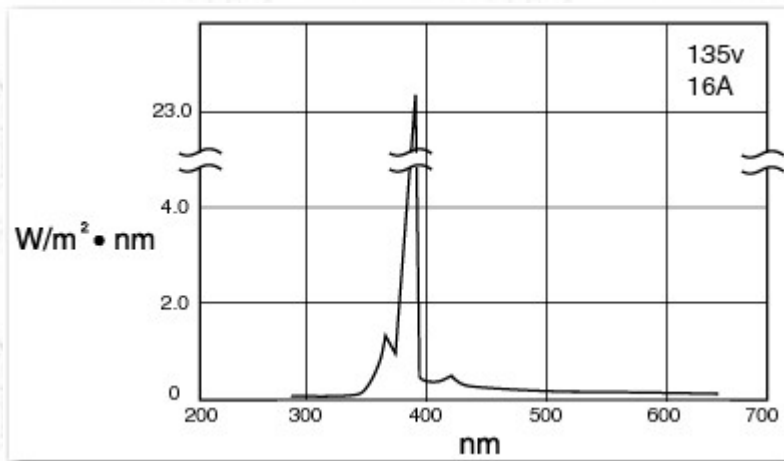
## Hung Ta™ Model HT8050 Carbon Arc Weathering Apparatus



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as rain or dew or to sunlight through window glass as described in [ASTM D529](#), [ASTM D750](#), ASTM G23, which was superceded by [ASTM G152](#) and [ASTM G153](#) in 2000, ISO 4892-1, ISO 4892-4, ISO 4582, and CIE-Publication Number 85.

The Model HT8050 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 HT8050 Carbon Arc Weathering Apparatus: Carbon Arc Lamp Output



The HT8050 may also be employed to evaluate the surface discoloration of white, or light colored, vulcanized elastomers and a wide variety of other materials that occurs when exposed to heat and ultraviolet (UV) irradiance. This instrument is technically similar to the instrument described in [ASTM D1148](#) which recommends UV irradiance levels of 24.6 – 25.4 W/m<sup>2</sup>.

## Hung Ta™ Model HT8050 Carbon Arc Weathering Apparatus: Specifications

Model:	HT8050	HT8050A
Light Source:	Enclosed Carbon Rod	
Temperature Range:	Ambient + 10 C° through 63 C°	
Humidity Range:	Less than 50 RH%	30 – 85 RH%
Humidity:	Wick/Natural	Pan/Control
Testing Time:	0 – 24 h	
Specimen Table:	508 mm Ø (20 in. Ø)	
Specimen Table Rotation:	3 RPM	
Test Specimen:	40 pieces, 50 x 50 mm	
Power Required:	220 VAC, 6 kVa, 1 PH	
Testing Voltage Required:	120 – 145 VAC (135 VAC nominal)	
Testing Current Required:	15 – 17 A (16 A nominal)	
Interior Dimensions:	700 x 900 x 700 mm (27.3 x 35.4 x 27.6 in.)	
Exterior Dimensions:	1150 x 1800 x 900 mm (45.3 x 70.9 x 35.4 in.)	
Weight:	380 kg (838 lb.)	
List Price:	<a href="#">Please Submit a Request for Quotation (RFQ)</a>	

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Corporate Consulting, Service & Instruments, Incorporated

221 Beaver Street • Akron, Ohio 44304 USA

Telephone: 800.742.8535 / 330.376.3600 • Facsimile: 800.229.9329 / 330.376.8500

• [WWW.CCSI-INC.COM](http://WWW.CCSI-INC.COM) • [WWW.ORECOZONE.NET](http://WWW.ORECOZONE.NET) •