

Hung Ta™ Model HT8021 De Mattia Flex Tester: Description



CCSi features this high quality, durable apparatus for evaluating crack growth of vulcanized rubber when exposed to repetitive flexing, as described in [ASTM D813](#) “Standard Test Method for Rubber Deterioration-Crack Growth”, [ASTM D430](#) “Standard Test Methods for Rubber Deterioration-Dynamic Fatigue,” Method B, and related methods. **NOTE**

The Hung Ta™ Model HT8021 De Mattia Tester features a quality electric motor and transmission assembly which provides 300 ± 10 cycles per minute at an adjustable stroke. The clamping mechanism is adjustable to induce varying amounts of stress on the test specimens and to accommodate specimens of varying configurations.

The Model HT8021 De Mattia is equipped with an easy-to-use three station sample clamping mechanism. Its compact footprint saves precious laboratory space and is designed as “benchtop” instrument.

CCSi also provides the [D430, Method B cutting dies](#) and the [D813 mold](#) required to perform the De Mattia tests.

NOTE Related Test Methods:

- ISO 132, DIN ISO 132 (Germany) & BS ISO 132 (UK), Rubber, vulcanized or thermoplastic - Determination of flex cracking and crack growth (De Mattia);
- NF T46-015 & NF T46-016 (France), Vulcanized rubber. Determination of the resistance to flex cracking (De Mattia).

Hung Ta™ Model HT8021 De Mattia Flex Tester: Specifications

Specimen Holders:	3 Station
Flexing Speed:	300 ± 10 cycles per minute
Reciprocating Stroke:	19 – 75 mm
Test Specimens:	ASTM D813 , ASTM D430 , or user defined
Counter:	6 Digit Electronic
Power Required:	110 VAC or 220 VAC
Motor:	0.5 HP
Dimensions (LxWxH):	350 x 600 x 700 mm (13.8 x 23.6 x 276 inch)
Net Weight:	70 kg (154.4 lb.)
List Price:	Please Submit a Request for Quotation (RFQ)

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