paralab

MonTech®
Rubber Testing Solutions

TECHNICAL SPECIFICATION

International standards	ISO 6502, ASTM D 5289, DIN 53529
Die configuration	Biconical, closed die system, sealed
Drive system	Direct, wearless servo drive system
Oscillation frequency	1.667 Hz
Oscillation strain	+/- 0.01° to 5° Programmable via Software
Temperature range	Ambient to 232 °C

Measured Data	Torque, temperature, frequency, strain Optional: Normal force
Calculated Data	S´, S˝, S*, tan δ
Die gap	0.45 mm nominal
Sample volume	approx. 4.5 cm^3
Drive system	Direct, wearless servo drive system
Closing system	Soft closing to prevent foil rips and damage of test sample
Torque range	Ambient to 232 °C

Temperature check system	Recordings of the temperature gradient on the screen, microprocessor monitored
Data Interface	Ethernet (10/100 MBit), USB (int.), CF card (int.), RS232 (opt.)
Data points	Over 3500 data points available for each test; Including S‘ Min, S‘ Max, TS 1, TS 2, TC 10, TC 30, TC 50, TC 90
Pneumatics	min. 4.5 Bar / 60 psi
Electrical	200 V - 240 V, 6 Amps, 50/60Hz