

525 | Brittle Point Temperature Tester



Model S



Model FS

■ APPLICATION

The **Brittle Point Temperature Tester** evaluates specimens immersed in liquid at low temperature, impact is applied by hammer at constant speed and evaluation is made from generation of cracks.

SPECIFICATIONS

Model	S (Dry ice model)	FS (Refrigerator model)
Cooling system	Dry ice	Refrigerator - Primary refrigerant: HFC-R-404A - Secondary refrigerant: HFC-R-23 - Resolution: 0.1°C (ethanol adjustment accuracy)
Heat transfer medium	Ethanol, approx. 10L	
Number of clamping specimens	5 specimens per specimen clamp	
Temperature range	-70°C to 40°C	
Testing speed	2.0±0.2m/s	
Radius of striking edge	R1.6±0.1mm	
Options	- Hose for ethanol discharge, inner diameter 19mm, 2m (HS-S) - Torque screwdriver (TQDRV) - Digital thermometer (D-THRM)	- Hose for ethanol discharge, inner diameter 15mm, 1m (HS-FS) - Torque screwdriver (TQDRV)
Power supply	Single-phase, AC100V, 50/60Hz, 1.5kVA	Single-phase, AC100V, 50/60Hz, 3.0kVA
Dimensions	W580 x D710 x H470mm	W650 x D700 x H1250mm
Weight (approx.)	110kg	190kg

Note: Ethanol is not provided.

SPECIMEN CLAMPS

●Standard ○Option

Code	Standard	Number of specimens	Clamping type	Photo	
CLAMP 1	- JIS K 7216 type A - JIS K 6723	5	Group clamping		○
CLAMP 2	- JIS K 7216 type A - JIS K 6723	5	Individual clamping		●
CLAMP 3	- ASTM D746 type I - ASTM D746 type II	5	Individual clamping		○
CLAMP 4	- JIS K 7216 type B - JIS K 6723 - ASTM D746 type III - ISO 974	10	Group clamping	-----	○
CLAMP 5	- JIS K 6261-2 type A - JIS K 6261-2 type B - ISO 812 type B	5	Individual clamping	-----	○

Specifications are subject to change without notice.



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