

DIFFERENTIAL SCANNING CALORIMETER (DSC)



Make: TA Instruments, USA

Model: Discovery DSC 25

Key Specifications:

Category	Instrument Features	Details
Instrument Features	Fusion Cell™	✓
	MDSC®	✓
	Dual Input Gas-Delivery Manifold	✓
	Color App-Style Touch Screen	✓
Performance	Temperature Range	-90°C to 550°C
	Temperature Accuracy	±0.1°C
	Temperature Precision	±0.01°C
	Temperature Repeatability	±0.1°C
	Calorimetric Reproducibility (Indium Metal)	±0.4%
	Calorimetric Precision (Indium Metal)	±0.1%
	Dynamic Measurement Range	±350 mW
	Digital Resolution	0.001 µW
	Baseline Curvature (-50 to 300°C)	<100 µW
	Baseline Reproducibility	<40 µW
	Baseline Accuracy (-50 to 300°C)	±75 µW
	Sensitivity	0.2 µW
	Indium Height/Width*	>8 mW/°C