



ST-160



ST-160A

Application

- Synthetic resin, Plastic raw material

Standard

- ASTM D 1238, KS M 3070

Feature

- M.F.I is equipment that measures melting index by calculating the amount of resin extruded for 10 minutes by giving regular load to and pressing out resin in the regulated die after melting resin at constant temperature.
- Durability of ST-160 is excellent for Incoloy special heater installed in it, and ST-160 also realized excellent repeatability and reliability for measurement of all samples based on the high-precision orifice.
- For its automatic cutting type, ST-160A can prevent errors caused by different operators by cutting sample automatically according to the set time.



- High-precision Orifice ($\phi 2.095 \pm 0.005$)
- Auto Cutting System (QM280A)
- Ni-Cr Special Heater (Excellent durability)
- Simultaneous Measurement of MFR & MVR (Option)

Technical Specification		
Model	ST-160	ST-160A
Cutting Method	Manual	Automatic
Dimensions	450W x 380D x 580Hmm	550W x 380D x 620Hmm
Temp. Range	RT ~ 350°C	
Standard	ASTM D1238, KS M ISO11333-7	



ST-160 Series Accessories	
Weight	325g, 875g, 4675g, 5000g
Orifice	$\phi 2.095 \pm 0.005\text{mm}$
Cylinder	$160\text{L} \times 9.55\text{D} \pm 0.007\text{mm}$
Piston Head	$9.474 \pm 0.007\text{mm}$ (325g)
Gono-Gauge	$\phi 2.09\text{mm} \ \& \ 2.10\text{mm}$
Clean Stick	SUS 304
Funnel	Aluminum