

XRL-400A MELT FLOW INDEX



XRL-400B MELT FLOW INDEX



XRL-400C MELT FLOW INDEX



XRL-400A+ MELT FLOW INDEX



Note :
Due to keeping innovation,
the specification and
Machine pictures or color
are subject to alteration
without notice!



APPLICATIONS:

Measuring range: 0. 01-600.00 g/10min(MFR)

0. 01-600.00 cm/10min(MVR)

0.001-9.999 g/cm (melt density)

Temperature range: 50-400□

Temperature precision: ± 0.5 □ resolution: 0.1□

Material canister inside diameter 9.55 ± 0.025 mm length:160mm

Piston diameter 9.457 ± 0.01 mm mass:106g

Mould inside diameter 2.095mm length: 8 ± 0.025 mm

Load: full load

Base weight: 0.325Kg.

Weights: 0.875Kg,1.290Kg,1.835Kg,3.475Kg,4.675Kg,5.000Kg,5.000Kg one each
(may freewill combination)

Accuracy: 0.5%

Cleaning accessories: clear material pole

Calibration accessories: water level bubble

Measuring method: MFR MVR/ DENSITY

Supply Power: 220V $\pm 10\%$ 50Hz Heat up power: about 550W

Outline size: (length*width*height) 600*400*500 (unit: mm)

Net weight: 85Kg gross weight: 135Kg

Configuration:

Mainframe one

Base weight one

Weight one (six sorts seven pieces)

Piston one

Mould one

Oriented sheath one

Water level bubble one

Hopper one

Clear material pole one

Mould bore one

Material check one

Provide English explanation one each

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PERFORMANCE :

Capability Type	Temperature control	Cutting material	MFR/MVR	Measure	Load Unload	Output	Suitable standard
XRL-400A	Intelligence PID	manual	MFR/MVR	Auto.	manual	Digital display	GB3682: ISO1133: JB/T5456 ASTM D 1238 ASTM D 3364: DIN53735 UNI-5640 JJG878-94 Note : Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!
XRL-400A+	Intelligence PID	manual /auto.	MFR/MVR melt density	auto.	manual	Digital display Print report	
XRL-400B	Intelligence PID	manual /auto.	MFR/MVR melt density	auto.	Fast speed	Digital display	
XRL-400C	Intelligence PID	manual /auto.	MFR/MVR melt density	auto.	Fast speed	Digital display Print report	

XRL-400 SERIES MELT FLOW INDEX

APPLICATIONS:

XRL-400 Series Melt flow index is used to determine the melt mass-flow (MFR) 、 the melt volume-flow rate (MFV) and the melt density of thermo resin, it is not only fit for the engineering plastics of polycarbonate、 nylon and fluorine plastics, etc, whose melt temperature are higher, but also fit for the plastics tests of polyethylene 、 polystyrene、 polypropylene、 ABS resin and polyformaldehyde resin, etc, whose melt temperature are lower, it is widely applied to the fields of plastics materials、 product、 petrochemical, etc, also the colleges、 scientific research unit and commodity inspection department.

XRL-400 Series Melt flow index is designed and manufactured according to the latest standards of GB and ISO, it summarizes the strengths of machine type of home and abroad : structure is compact, appearance is beautiful, operation is easy, performance is advance, quality is reliable, since it adopts the standard module combination structure, it can be upgraded and changed the type directl , in order to maintain the advance of the accurate esting machine synchronously. The apparatus fits for the standards of GB 3682, ISO 1133, ASTM D 1238, ASTM D 3364, DIN 53735, UNI-5640, JJB878, and made according to JB/T5465 《Technical Standard of Melting Flow Rate Instrument》 .

TESTS PERFORMED:

XRL-400 Series Melt flow rate apparatus adopts PID temperature control, digital display, it can cut material manual or auto., has two measuring method, MFR and MVR, with the fast load function and print out of the test report.

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