

KASON-MFI-400AV Automatic melt flow rate tester

Product Introduction



Note: The picture is for reference only

Application

The instrument meets the GB/T 3682-2018 Technical requirements for Thermoplastic melt flow rate test method, it' s crucial to the production technology and quality control of medical and health protection materials such as medical masks, surgical gowns, protective clothing, and polypropylene resins for melt-blown and spunbond non-woven fabric.

Its main parameters meet the requirements of ISO1133-2005 ASTM1238 standard and can be used for the determination of melt flow rate of polyethylene, polypropylene, polystyrene, ABS, polyamide, fiber resin, acrylate, polyformaldehyde, fluorine plastics, polycarbonate and other materials.

Main technical parameters and accuracy

1、 Standard part parameters:

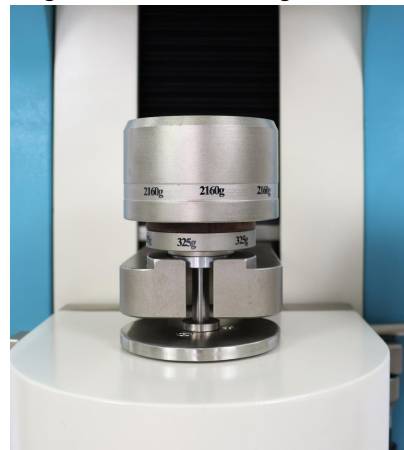
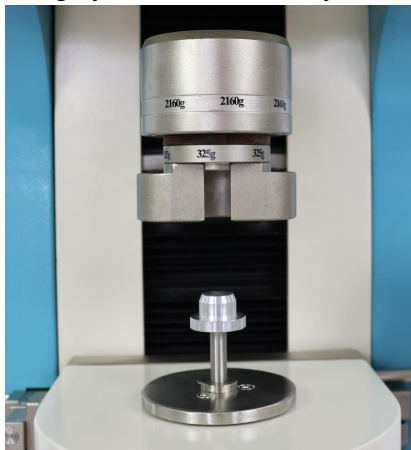
- (1) Barrel parameter: Inner hole: $\Phi 9.550\text{mm} \pm 0.007\text{mm}$
- (2) Piston parameter: Piston head $\Phi 9.474\text{mm} \pm 0.007\text{mm}$



- 3、Voice prompt operation volume is adjustable, easy to understand.
- 4、Equipped with high precision temperature control system, high measurement and control accuracy.
- 5、With cutting knife automatic positioning function, automatic cutting, can cut hard plastics.
- 6、Manual button cutting or automatic cutting.
- 7、Equipped with tungsten carbide die, high hardness, high temperature resistance, corrosion resistance, wear resistance.



- 8、Micro-processing system automatically select load loading, automatic loading.



- 9、Use movable high-precision photoelectric encoder displacement measurement device (Method B) ; Use MVR to measure materials with relatively large index.



10、When the index is very large, use a fast die outlet plugging device. (Optional)

11、With USB data output function, it can be copied to a USB disk for storage, and copied to a computer via USB for data backup and data analysis.

12、Data processing printing.



13、The rechargeable electric auxiliary cleaning device saves the time of cleaning the barrel. (Optional)



14、It has the function of calculating the test result, keeping the decimal, rounding the result, the calculation result is more accurate.

15、Any step in the test can be skipped manually or run automatically; easy to test.

16、 In addition to the function of method A, the equipment can also do 30mm, 20mm, 10mm,5mm, 3mm, 2mm, 1mm B method test of displacement.

17、 The furnace body can be moved 90°to facilitate cylinder cleaning.



Main configuration

1、 Host machine	1
2、 Weights:	8 (Total 21.6Kg, place in the host)
A: 0.325 Kg	1 (Including pressure rod)
B: 0.875 Kg	1
C: 0.960 Kg	1
D: 1.200 Kg	1
E: 1.640 Kg	1
F: 2.500Kg	1
G: 5.000Kg	1
H: 9.100Kg	1
3、 Gradienter	1
4、 Die	1
5、 Piston	1
6、 Displacement measuring device	1set (On the host)
7、 Stainless steel square plate	1
8、 Reflector	1
9、 Funnel	1
10、 Electric auxiliary cleaning device	1set
11、 Cleaning tool	5
12、 Pressure rod	1
13、 Micro-controller software	1set

FOCUS IN MATERIAL TEST

KASONTTEST®

JINAN KASON TESTING
EQUIPMENT Co, LTD.

DuandianIndustrial Park , Jingshi Road, Jinan City,China.

P: +86 159 1008 1986

E: admin@jnkason.com | **W:** www.syjlab.com

