



YANUO WORLD **苏州亚诺天下仪器有限公司**
Physical testing equipment expert

CRS-MFI450W熔融 指数试验机 产品介绍

產品說明:

MFI-450W型熔體流動速率測定儀是根據GB/T 3682的試驗方法，用於測定熱塑性高聚物在高溫下的流動性，如聚乙烯、聚丙烯、聚甲醛、ABS樹脂、聚碳酸酯、尼龍、氟塑料等高聚物。該機採用工業PLC可編程控制器，觸摸屏操作平臺，漢字液晶顯示；該機自動控溫從操作方法上分為手動、時控、自動三種切料方式，能夠實現品質法（MFR）和體積法（MVR）兩種試驗方法；該機能夠測得原料在試驗溫度下的熔融密度，系統同時具有溫度校準功能。

該機配有微型印表機可列印試驗報告，是目前國內同行業中高檔機型，操作簡單、運行穩定、可長時間進行試驗，深受用戶好評。

Product manual:

The MFI-450W melt flow rate tester is used to determine the flowability of thermoplastic polymers at high temperatures, such as polyethylene, polypropylene, polyoxymethylene, ABS resins, polycarbonates, according to the test method of GB / T 3682, Nylon fluoroplastics and other polymers. The machine adopts the industrial PLC programmable controller, the touch screen operation platform, the Chinese character liquid crystal display. The machine automatic temperature control is divided into manual, time control and automatic cutting method, which can realize the quality method (MFR) and the volume method (MVR) two test methods; the machine can measure the raw material at the test temperature of the melt density, the system also has a temperature calibration function. In this case, The machine is equipped with micro-printer can print test report, is currently in the same industry in the high-end models, simple operation, stable operation, long time to test, praised by users.

試驗參數:

測量範圍: 0.1-800.00g/10min (MFR)

0.1-800.00 cm³/10min (MVR)

溫度範圍: 室溫-450℃

控溫精度: ±0.2℃

計時精度: 0.1S

位移精度: 0.01mm

負荷: 全負荷

切料方式: 手動、時控、自動

料筒內徑: 9.550mm±0.025mm

料筒長度: 160mm

口模: 材質為碳化鎢、長: 8.000mm±0.025mm內徑: 2.095mm±0.005mm

功率: 0.45KW

電源: AC220V、50Hz

儀器尺寸: 350mm×500mm×650mm

儀器淨重: 65Kg

Test parameters:

Measuring range: 0.1-800.00g / 10min (MFR)

0.1-800.00 cm³ / 10min (MVR)

Temperature range: room temperature -450 °C

Temperature control accuracy: ± 0.2 °C

Timing accuracy: 0.1S

Displacement accuracy: 0.01mm

Load: full load

Cutting method: manual, time control, automatic

Barrel diameter: $9.550\text{mm} \pm 0.025\text{mm}$

Length of cylinder: 160mm

Die: Material for the tungsten carbide, long: $8.000\text{mm} \pm 0.025\text{mm}$ ID: $2.095\text{mm} \pm 0.005\text{mm}$

Power: 0.45KW

Power supply: AC220V, 50Hz

Instrument size: $350\text{mm} \times 500\text{mm} \times 650\text{mm}$

Instrument net weight: 65Kg



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