



WWW.FYICHINA.COM.CN

FANYUAN INSTRUMENT (HF)CO.,LTD.
DOWELL SCIENCE &TECHNOLOGY (HK)CO.,LTD.
ADD:Tianyuan Road 9#,Hi-Tech Zone, HefeiCity, China Post Code:230088
Tel: +86-551-65232508
Fax: +86-551-65232507
Email: sales@hkdownell.com
Website: <http://www.fyichina.com.cn>

DW5311 BANBURY MIXER





MODEL NO.

DW5311

APPLICATION

DW5311 Banbury Mixer. This instrument is used to determine melting characteristics in plasticizing process for rubbers, plastics and other polymer materials to identify performance and quality of materials. This tester is necessary testing equipment for developing materials, formulation design, guiding production and producing samples which widely used in education school, scientific research units and enterprises for rubber and plastic products.

STANDARDS

STANDARDS			
-----------	--	--	--

Note: this tester can conform to but not limit to the standards above, for more standards conformance, please contact us.

FEATURES

- 4 kinds of test: mastication and mixing, formulation design, blending test, sample production;
- Compact structure, well-made, reliable performance;
- Equipped with accurate and advanced torque sensor and temperature measuring unit;
- Alloy steel mixer chamber, high hardness, wearable, high corrosion resistance;
- Adopting PC measure technique, with advanced processing software;
- Powerful file management, nice human-machine interface, easy to operate;
- High accuracy, excellent data repeatability;
- Diverse control method, linear or multistep speed-up;
- High reliability and modularity of electronic system;
- Temperature extremum alarm;
- Torque extremum protection by the software setting;
- PC measurement and control for speed, torque, temperature.

KEY SPECIFICATION

- Volume 1L
- Speed 10~120r/min (stepless)
- Speed ratio of front and back rotor 1:1.24
- Speed accuracy $\pm 0.5\%$ F.S.
- Pressure to materials 0.1-0.25MPa
- Cooling water cooling manually or automatically
- Temperature control 2 zones
- Temperature accuracy $\pm 2\%$ °C
- Temperature range room temperature~250°C
- Torque measuring range 0~1200N.m
- Torque accuracy 0.1~0.5% F.S.
- Power of motor and reducer 11kw
- Dimensions 1200×600×2000mm(L×W×H)
- Weight 1380kg

STANDARD CONFIGURATION

No.	Item	Quantity
1	Main machine	1 set

OPTIONAL ACCESSORIES

No.	Item	Quantity
1		