



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

## DW5110 TWO ROLL MILL





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

## MODEL NO.

**DW5110**

## APPLICATION

DW5110 two roll mill. It is widely used in rubbers and plastics industry for polymer mixing, such as PVC, color master batch. It consists of roll, bearing, gap adjusting device, electric control system, safety device, etc.

## STANDARDS

STANDARDS

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

## FEATURES

- Cylindrical center-adjustable bearing;
- Hard chromeplated steel rolls, rapid heat transfer, high hardness, high corrosion resistance;
- Adjustable gap between the two rolls, high accuracy;
- Electric heating optional for plastics experiments, sensitively and uniformly temperature control, high accuracy;
- Water cooling optional for rubbers experiments;
- With safety device.

## KEY SPECIFICATION

- |                        |                 |
|------------------------|-----------------|
| ● Roll hardness        | HRC 55~60       |
| ● Roll diameter        | Φ 160mm         |
| ● Roll length          | 320mm           |
| ● Roll linear speed    | 0~20m.p.m       |
| ● Roll speed           | 0~40rpm         |
| ● Gap adjusting device | manual, 0.1~6mm |



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

- Feeding quantity 1~2kg
- Reducer gear reducer
- Safety device touch type of emergency stop
- Electric power request 3ph~380V, 26A

	<b>Plastics experiment</b>	<b>Rubbers experiment</b>
Speed ratio (front roll: back roll)	1.25:1	1.35:1
Motor power	1.5kw	5.5kw
Heating or cooling	Electric heating, 7kw	Water cooling
Working temperature	Room temperature~300℃	Room temperature
Temperature accuracy	± 3.5℃	
Dimensions(L×W×H)	1000×550×1250mm	1100×600×1250mm
Weight	Approx. 600kg	Approx. 650kg

**STANDARD CONFIGURATION**

<b>No.</b>	<b>Item</b>	<b>Quantity</b>
<b>1</b>	Main machine	1set
<b>2</b>	Motor	1set
<b>3</b>	Reducer casing	1set
<b>4</b>	Roll	2pcs
<b>5</b>	Safety device	1pcs