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## DW1431 Carbon Black Dispersion Tester



**PC is optional**

### Application:

**DW1431** Carbon Black Dispersion Testing System, consisting of a microscope, a camera and analysis software of carbon black dispersion, is used to assess pigment or carbon black particle and agglomerate size and degree of dispersion in polyolefin pipes, fittings and compounds.

### Related Standards:

STANDARDS

ISO/DIS 18553

GB/T 18251-2000

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

### Features:



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- Consists of microscope, Panasonic camera and professional test software;
- Measurements of carbon black particle and agglomerate size;
- Auto assessment of carbon black dispersion degree;
- Professional graphic method testing and high accuracy result;
- Wide measure parameters contain rich information such as scale and shape of carbon black agglomerates;
- Automatic image acquisition and result output;
- Can setup specified processing program according to different products;
- Equipped with data analysis and report forms system;
- To provide automatic platform to enhance the degree of automation;
- Many adaptive collecting devices and can match with different types of computers.

**Key Specifications:**

● Eyepieces	Magnification: 10× Focal length: 25mm View field: Φ18mm
● Magnification of objective lens	5×, 10×, 40×, 60×
● Stage	Size: 180×145mm Travel range: 75×50mm
● Illumination	6V/20W Halogen lamp
● Picture-capturing	Panasonic camera
● Testing range	1um -1cm
● Resolution	0.001um
● Power supply	AC220V 50Hz

**Standard configuration:**

No.	Item	Quantity
1	Analysis software of carbon black dispersion	1set
2	Microscope	1set
3	Camera	1set