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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:



- Consists of microscope, Panasonic camera and professional test software;
- Measurements of carbon lack 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