

disperGRADER™ α view

Precision Dispersion Testing Analyzer



The most expanded capabilities in optical dispersion analysis, generating superior repeatability and reproducibility



ALPHATECHNOLOGIES

disperGRADER™ aview

Precision Dispersion Testing Analyzer

alpha-technologies.com

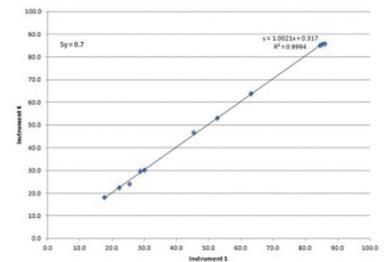
Built upon proven methodology, disperGRADER™ aview utilizes the most modern technology available to radically expand the capabilities of optical dispersion analysis methods. A reflected light microscope designed for dispersion testing of carbon black in mixed rubber compounds, the system analyzes the shadows cast by agglomerates present in a freshly cut sample surface.



Testing Features



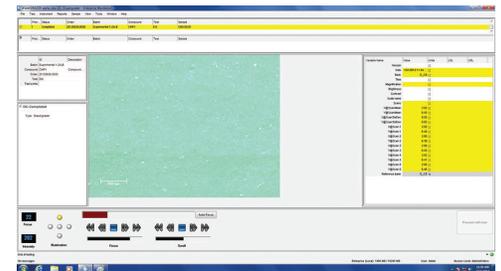
- Autofocus for fast and consistent analysis
- Multiple data point acquisition per sample placement
- Laterally translating camera on precision rail system
- Four position LED lighting system
- Automatic and manual scanning capabilities
- Histogram, analytical data, and image database
- 5 Preloaded and user defined image banks
- Color camera
- Image analysis software determines size, number and location of agglomerates



Performance



- Enterprise operational software
- Superior Repeatability & Reproducibility with a Standard Error of Y of 1 Z value unit



Options

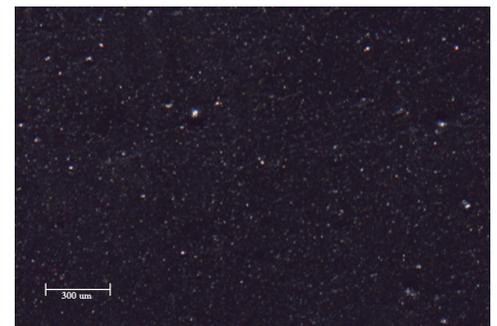


- disperGRADER™ aview SR - 3-57 microns
- disperGRADER™ aview HR - 1-20 microns
- Uncured Sample Preparation System

Specifications



- Meets ASTM D7723 and ISO 11345 (Methods C,D, and E)
- PC and Monitor included
- Electrical: 100-240VAC, 1.3amp, 50/60 Hz
- Dimensions: 11.7" (296mm) W x 7.9" (200mm) H x 18.8" (478mm) D
- Weight: 40.5 lbs (18.4kg)
- Aperture Size: .472" (12mm) x .236" (6mm) H



aview SR



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