

## 5 Key Benefits of D25 NC

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- Scanning and Sample Handler
  - Horizontal arm adjustment to set the adjustable diameter of the scan for various sample dish sizes
  - Turntable automatically starts, present the sample in uniform rotations, and then stops
  - Rapid 5 color measurements per second/ 25 measurements per rotation (19.75 sq. in.) sampling
  - No port plates, scan area determined by scan diameter and number of rotations
  - Scanning technology allows sensor to measure a variety of sample particle sizes, and sample volumes
  
- Height Measurement and Depth of View
  - Vertical arm to adjust sensor to optimal height of 3.5 inches (90 mm)
  - Laser based height measurement 25 times/second
  - Height measurement determines color adjustment for a view depth of 1" optimal, 4" maximum
  - Allows for measurement of irregular shaped samples that would not fit against a traditional port plate
  - Do not require smooth, flat sample surface to produce repeatable measurements
  
- Self-contained Operation
  - Small footprint, self-contained color workstation
  - Ruggedized metal construction and sealed optics for use in laboratory or near the product line
  - Embedded computer with internal Memory holds 250 Product standards, tolerances, and scanning parameters
  - Color display for visual tolerance warnings and alerts (yellow/red display)
  - Front Panel Touchpad for Standardization, color measurements, self-diagnostic tests, data output
  - USB port for connections to a PC (EasyMatch QC), keyboard, printer, or barcode scanner
  
- Non-Contact Color Measurements
  - Sample surface is measured without physically touching
  - Non- destructive for delicate items or messy samples
  - No need to measure through a clear cover or bottom of sample pan
  - Measure Product Height variation of 2.5" to 5.5" (75 mm to 135 mm)
  - Easy wipe down cleanup with hand disassembly
  
- LED Light Source
  - Long life, 5 year warranty light source

- Bright, 2 full spectrum and 2 enhancement LEDs for excellent color measurement even on the darkest of samples
- Low Energy consumption 24 Volt light source
- No costly replacement flash lamps or high voltage power supplies required