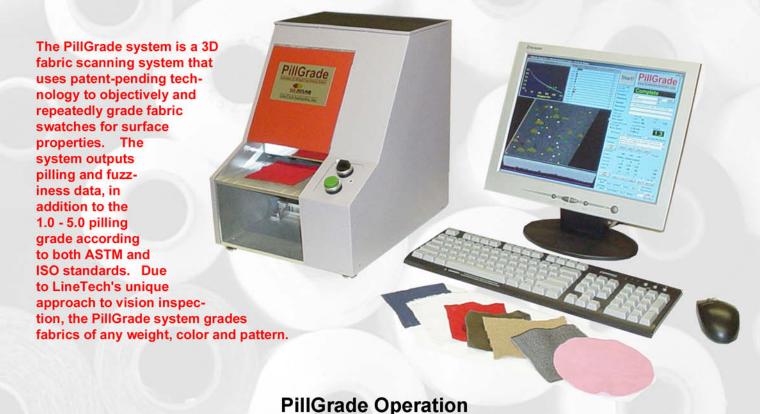
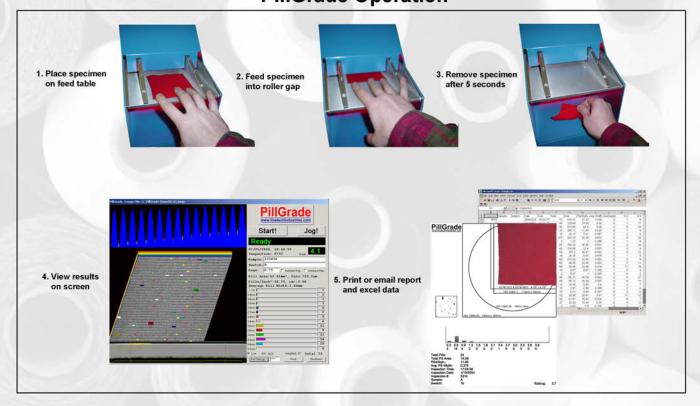
PillGrade

Automated Pilling Grading System





LineTech Industries, Inc.

PillGrade

3D Fabric Scan & Grade System

Fabric Types: Any woven, nonwoven, knit, fleece,

automotive of any blend or material

Patterns & Colors: Fabric patterns and colors are

"invisible" to PillGrade

Standards: - ASTM 3512

- ASTM 4970 - ISO 12945-1

- ISO 12945-2

Output: - Printout (with area for attaching

specimen)
- Excel csv file

- pdf for emailing (with purchase

of Acrobat)

Data: - Quantity of pills

- Fuzziness values

- Pills/in2 and Pills/mm2

- Average pill size

- Pill diam distribution histogram

- 1.0 - 5.0 grade based on data

Advantages: - Ensures objective, repeatable grades

- Ensures agreement throughout textile

supply chain

- Easy and fast (~5 seconds) to operate

- Correlates to ASTM & ISO grade scale

- Analyze production/supplier pill data

- PillGrade also grades snags

PillGrade incl.: - Enclosure with rubber feet

- PC (see details below)

- Motorized feed system

Industrial CCD camera
 Custom LED light plate

- Custom LED light plan
- Control electronics

- Control panel

PC details: - PillGrade software

- Windows 2000 OS

- Ethernet ready

- Monitor, keyboard, mouse not incl.

Installation: - Ready to run out of the box

Power: - 100-240VAC / 50-60Hz (please specify)

18.25" / 464mm

10.25" / 260mm

Instrument Weight = approx. 35lb / 16kg (including PC)

24.5" / 623mm





Global patents pending on PillGrade method and apparatus

Other LineTech Vision Inspection Systems include...

















Packing Systems

Conveyor Systems

Laboratory Systems

On-Line Systems

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