

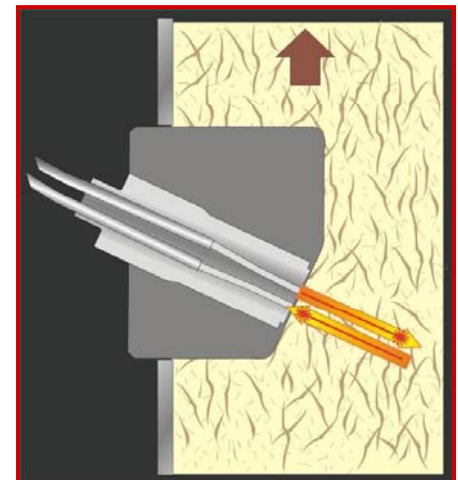
New Optical Sensor - RealTime Measurement of Ash and Total Contistency

**From thick stock to thin stock – BTG has
the papermaker covered**

Mike Molter, Applications Specialist

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RETHINK PAPER:
Lean and Green



BTG has the Papermaker Covered

Low Consistency (0.01- 3%)

- Total consistency 0.01–3 %Cs
 - TCT-2501
 - TCT-2511
- Total consistency 0.01– 3 %Cs + Ash
 - RET-2502
 - RET-2512
- Total consistency 0.01–2 %Cs + Ash
 - RET-5503



Higher Consistency (2-13%)

- Total consistency 2 – 13 %Cs
 - TCR-2501
 - TCR-2511
- Total consistency 2 – 13 %Cs + Ash
 - **TCR-2502**
 - **TCR-2512**



BTG's Latest Optical Innovation

- **TCR® 25X2 Inline Optical**
- Dual Output –
 - Total and Ash consistency
 - 2.0% – 13+% total consistency (TC)
 - 30+ % ash (as a percentage of TC)
- In-line instantaneous Total and Ash Consistency



Easier, Smaller, Smarter, Lighter

The next generation of BTG instruments.

Optical consistency technology

FEATURES

- Highly reproducible in-line total consistency measurement (including ash)
- Insensitive to grade and wood species
- No increased process pressure needed
- Insensitive to vibrations and temperature
- Lean design and top functionality

BENEFITS

- Tighter process control through real time results, accelerated ROI
- Stabilized Ash levels
- Low start-up and installation cost (cost of ownership)
- Long life time and low cost of operation
- Installation simplicity

Overview of Applications

TCR[®] Technology



- Broke Systems
- OCC Pulpers
- Blend Chest
- Machine Chest
- Recycle Fiber (high level of debris)
- Feed to Screens

Benefits to the Papermaker TCR[®] Technology



- Reduce variability coming from thick stock ash levels
 - Enhanced retention and drainage control
 - Productivity improvements
 - Chemical savings
 - Support higher levels of filler levels
 - Enhanced broke management
 - Reduced off quality



Come See Us!

BTG Americas Booth# 626

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