



QualitySpec® K-B

The ASD QualitySpec K-B offers the pulping industry an essential tool for improving quality and increasing profits.

Are you looking for improved pulp mill efficiency? Do you seek greater profits through better procedural gain? For the premier solution for Kappa number and brightness analysis, search no further than the ASD QualitySpec K-B pulp analyzer.

Using state-of-the-art near infrared technology, the QualitySpec K-B allows fiber line operators to take numerous Kappa number and brightness measurements per hour across multiple process locations, allowing more accurate control of pulping and bleaching processes. The QualitySpec K-B works quickly—within seconds—to provide accurate data that you can use to make real-time adjustments to your process. Don't wait for time-consuming titrations and hand sheet preparation. Get your results faster, make your adjustments more quickly, and translate your improved efficiency into higher profits sooner.



QualitySpec K-B system benefits:

- Environmentally friendly analysis method eliminates hazardous testing chemicals and reduces process chemicals by up to \$250,000 per year
- Kappa number and brightness results in less than 4 minutes, including sample preparation
- Automated sample preparation replaces timely and labor intensive titrations—eliminating operator-to-operator variability and increasing the accuracy of your process data
- Testing methodology directly correlates to TAPPI standard T-236 for Kappa number and ISO brightness at 457 nm
- Low cost of ownership—no consumables

Developed in cooperation with FP Innovations—PAPRICAN, the QualitySpec K-B pulp analyzer employs a patented method for simultaneous non-contact, non-destructive determination of the Kappa number and brightness of wet pulp. The system can measure from multiple locations in the pulping process—from digester blow-line to fully bleached pulp—regardless of furnish type.

The QualitySpec K-B's efficiency-building features:

- Rapid, non contact, non destructive analysis of kraft pulp
- Using the OPC client server, the data stream can be seamlessly integrated into the mill's control system
- QualitySpec K-B software package features easy-to-navigate menus and controls, as well as user-restricted access controls for security
- Eliminates the operator's exposure to hazardous chemicals associated with Kappa number titrations

In a competitive environment, eliminating guess work and maximizing gain from the pulping process is an absolute necessity. The QualitySpec K-B is the must-have tool for increasing product quality and improving profits. Contact ASD today!

Specifications for the QualitySpec K-B system



K-B Analyzer Specification:

- Kappa number and brightness correlation derived from TAPPI standard T236 and ISO brightness at 457 nm, respectively
- OPC client server for seamless data integration
- 15-inch color touch-screen LCD control panel
- 304 brushed stainless steel construction with locking front and rear access panels
- External locking device to secure system to bench-top
- Operating temperature: 0° to 35° C (32° to 95° F)
- AC Power input: 110 to 240 VAC @ 50-60 Hz
- (HxWxD) 15.5 x 22.5 x 15 inches (39.4 x 57.2 x 38.1 cm)
- 65 lbs (29.5 kg)

K-B Sample Press Specification:

- 304 Brushed stainless steel construction for exceptional corrosion resistance
- Operating temperature: 0° to 35° C (32° to 95° F)
- Air pressure requirement: 78 psig (538 kPa) instrument air
- Water pressure requirement: 50 to 80 psi (345 to 552 kPa) with minimum flow rate of 7 gpm (26.6 lpm)
- AC Power input: 110 to 240 VAC @ 50-60 Hz
- (HxWxD) 36.3 x 18 x 16 inches (92 x 45.7 x 40 cm)
- 145 lbs (65.77 kg)

