



## DEDICATED PIPELINE AVIATION FUEL DELIVERY

### THE KAM® CHA™ COLORIMETER HAZE ANALYZER

**PROBLEM:** While jet fuel is sterile at the refinery, multiple opportunities exist for contamination, including solid particle and free water, prior to delivery at airport storage facilities—even when fuel is delivered via dedicated pipeline.

**SOLUTION:** The addition of the KAM® CHA™ Colorimeter/Haze Analyzer to existing filtration and flow meter systems at intake enables on-line, real-time detection of contaminated fuels.

#### MORE ACCURACY, EFFICIENCY, AND SAFETY

- Haze detection range of 0-100% with  $\pm 5\%$  accuracy
- Measures full spectrum of visible color with an accuracy of  $\pm 1\%$
- Eliminates the need for random sampling
- Reduces purchased water or allows contaminated shipments to be rejected
- Reduces system corrosion due to water and/or micro-organisms
- Reduces environmental liabilities and man-hours associated with older technologies
- Easily installs between two flanges and requires no separate electronics installation

#### KEY KAM® CHA™ ADVANTAGES

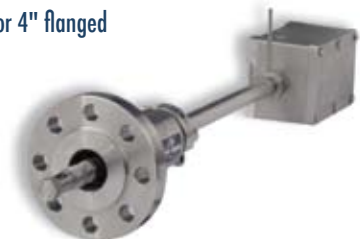
- 5-LED design offers greater accuracy over other, 3-LED models
- Long-term performance with minimal power and maintenance requirements
- Automatically adjusts for electronic noise, LED fluctuations, and varying absorption rates
- All requisite electronics incorporated into unit



**KAM® CHA™**  
COLORIMETER HAZE ANALYZER  
FT Flow Through model  
with weld-neck flanges

#### ALSO AVAILABLE

**KAM® CHA™**  
Insertable model with 2", 3", or 4" flanged  
seal housing



**KAM® CHA™**  
Insertable model  
with 2" MNPT seal housing



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