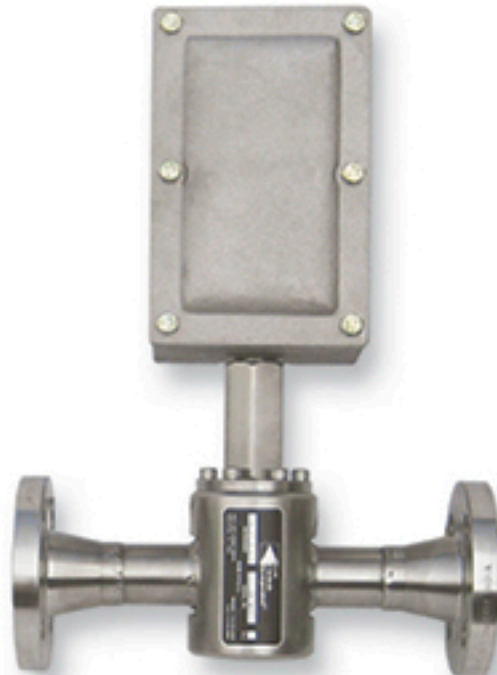




Simple Precision™

KAM® THA™
Flow Through Model



KAM® THA™
Insertable Models

KAM® THA™ TURBIDITY / HAZE ANALYZER

CE **Ex** PTB 04 ATEX 1027

Ideal for turbidity or haze detection at pipeline terminals, refineries, airports, and more, the KAM THA Turbidity Haze Analyzer alerts operators to the presence of water or particulate contamination in all refined fuels and helps them to determine the source of contamination. The THA is based on the KAM CHA's proven turbidity detection technology, already in operation throughout the United States, Asia and Europe.

Real-time turbidity / haze data can be used for ongoing quality control in all refined fuels including diesel, jet fuel, and gasoline. This data provides pipeline operators with the intelligence required to monitor fuels at both receiving and delivery terminals reject non-conforming batches and assists multiple parties in determining the location and/or responsibility of water contamination. In addition, the THA provides refineries quality control data prior to distribution and allows refiners to monitor and optimize the performance of filters, coalescers and separators.

Like all KAM instruments, the THA is easily installed either by inserting directly into the pipe, or in an analyzer loop. It can be installed without having to ever drain the pipe and output is a basic 4-20 mA. With no moving parts and long-lasting LED's, the THA is designed for minimal power usage, minimal maintenance and long life.

KEY KAM® ADVANTAGES

- Proven technology
- Does not require calibration
- Inserts into the pipeline without having to drain the pipe
- No moving parts
- Long-lasting LED with minimal power consumption

KAM CONTROLS IS AN ISO 9001 CERTIFIED COMPANY



Kam® THA™
TURBIDITY HAZE ANALYZER

PRODUCT SPECIFICATIONS

Media:	Refined products
Material:	Wetted parts—316 stainless steel, sapphire
Power:	12–24 VDC 20 Watts max
Outputs:	RS-485 4-20 mA
Fluid temperature:	-40° to 200°F (-40° to 93°C)
Electronics temp.:	-22° to 185°F (-30° to 85°C)
Pressure ratings:	ANSI 150, 300, 600
Accuracy:	Haze ± 5%
Repeatability:	Haze ± 1%
Reproducibility:	Haze ± 1%
Haze Range:	0-100%
Mounting:	2" MNPT Seal Housing 2", 3", or 4" Flanged Seal Housing Flanged 1" or 2" flow through
Sensor Dimensions:	3.5" x 1.25" Ø (90mm x 32mm)
EX enclosure:	3" x 6" x 3" (76mm x 152mm x 76mm)
Shaft length:	12" to 60" (305mm to 1524mm) Off-the-shelf lengths 12", 24", 36", 48" and 60" (305mm, 610mm, 915mm, 1219mm, 1524mm)
Pipe size:	¾" to 48" (20mm to 1200mm)
Weight:	from 20 lbs. (9kg)

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KAM CONTROLS is an ISO 9001 certified company

THASPEC 0913