

DESALTER APPLICATIONS FOR THE KAM® OWD™ OIL WATER DETECTOR

Desalter Optimization with the KAM® OWD™ Oil Water Detector provides a real-time window onto your desalter tank saving you time and money.

KAM CONTROLS Desalter Optimization offers you REAL-TIME monitoring of:

- Incoming crude water concentration
- Outgoing crude water concentration
- Desalter tank oil layer level
- Desalter tank emulsion layer level
- Desalter tank water layer level

KAM CONTROLS Desalter Optimization saves you time and money.

- No costly shutdowns
- Maximum chemical efficiency
- Maximize electrostatic dehydration
- No distillation unit shut-downs from excess water

KAM CONTROLS sensors offer unmatched flexibility and ease of installation.

KAM® OWD™
OIL WATER DETECTOR
with 2" MNPT seal housing

Also available with 2", 3", or 4"
flanged seal housing.



KAM® OWD™
OIL WATER DETECTOR
flow through model
available with
1/2", 3/4", 1", or 2" FNPT

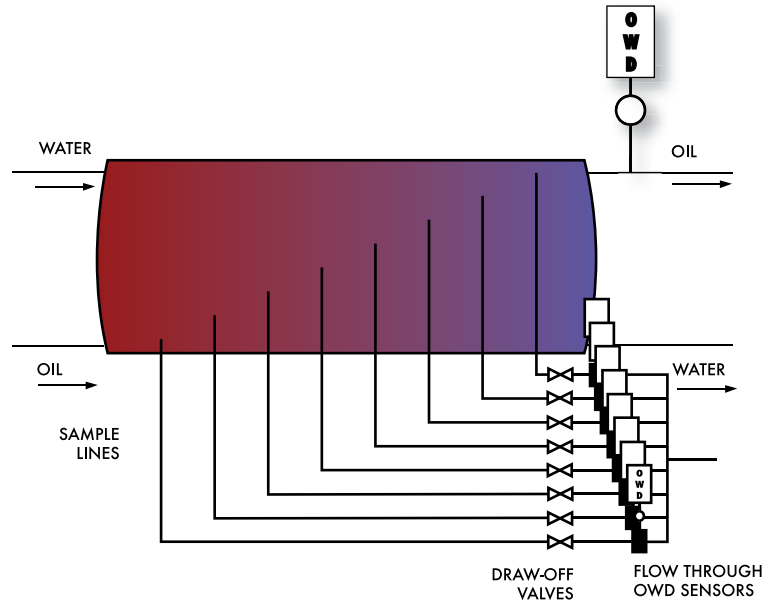
Also available in metric sizes.



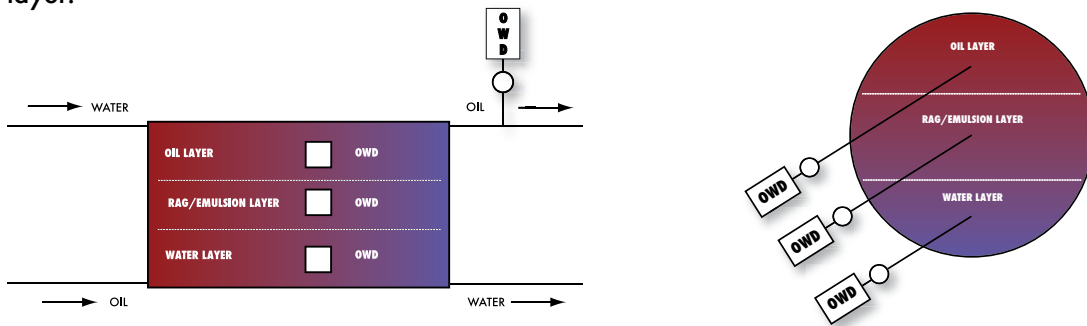
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With three installation options, KAM® Desalter Optimization can be configured and installed according to your needs and your budget.

For ideal performance, the desalter tank should incorporate a progressive series of 8 sample lines, each with its own draw-off valve and flow-through OWD™ sensor. An OWD™ on the outgoing oil line ensures optimal desalter performance.



An additional configuration utilizes OWD™ sensors in the incoming and outgoing oil lines, with three more OWD™ sensors inserted into the desalter tank to detect levels at the oil layer, emulsion layer, and the water layer.



Or Desalter Optimization can be installed using only the three OWD™ sensors inserted into the desalter tank to detect levels at the oil layer, emulsion layer, and the water layer.

