



METPOINT OCV

HYDROCARBON MONITORING SYSTEMS

WITH ADVANCED ANALYTIC CONTROLS

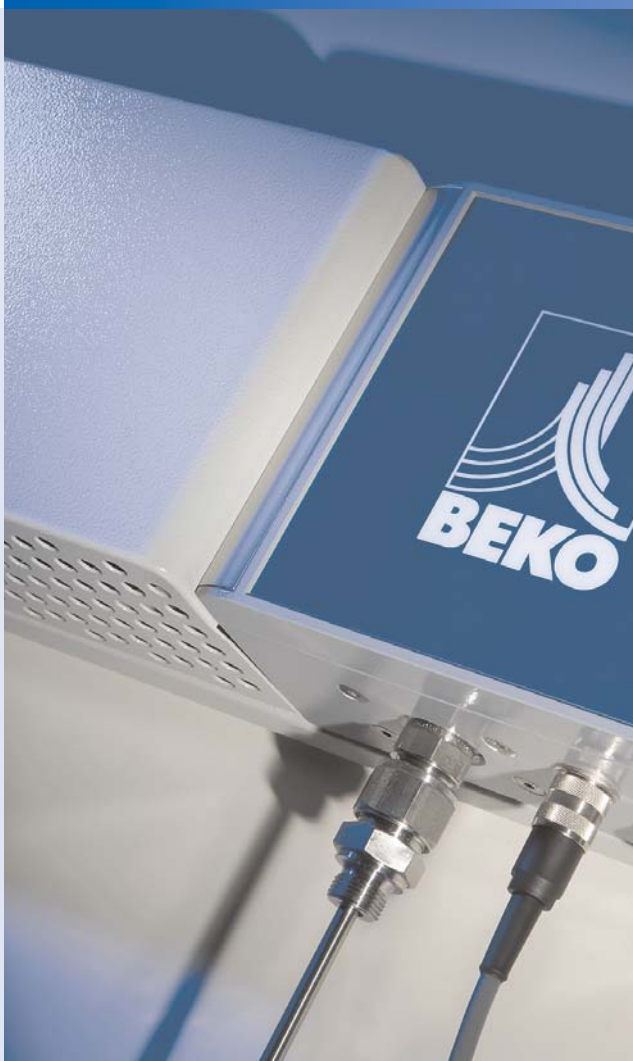
METPOINT OCV HYDROCARBON MONITORS

OIL FREE MONITORING

Compressed air which is contaminated by oil is a concern for every compressed air user. Depending on the application, there are risks for production plants, the environment or even for a person's health. We can say one thing for sure though: Because of the environmental / suction air, an oil free compressor does not automatically guarantee for oil free compressed air. Furthermore, oil free compressors require maintenance and can fail causing catastrophic results.

In most cases, a certain residual amount of oil content cannot be entirely avoided in standard applications. The compressed air class as defined in ISO 8753-1 provide an exact guideline for the assessment of the compressed air quality. The system supervises the amount of residual oil in the compressed air flow down to the range of a thousandth of a mg/m³. Inadmissible residual oil concentrations can be identified and signaled reliably, and the consequences of an oil leak avoided.

METPOINT OCV - A worldwide exclusive, unique only from **BEKO**



+1: **24 / 7 PROCESS RELIABILITY**
Exclusive inline measuring technology that is unique in the world (meets ISO standards)

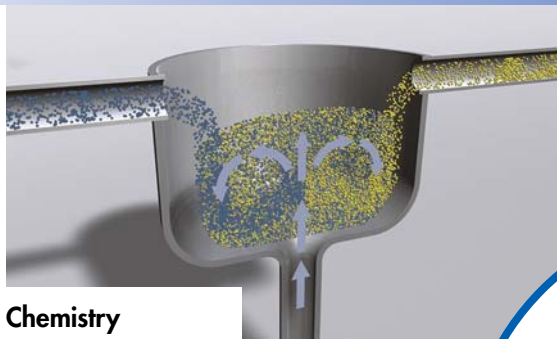
+2: **CONTINUOUS REFERENCE AIR SAMPLE**
The reference air generator takes real time, self-adjusting reference air samples automatically

+3: **ON-SITE CALIBRATION**
Integrated probe port allows for easy, simplified calibrations without downtime or added costs

+4: **NETWORK COMPATIBLE**
Includes data logger and full control whether on-site or from remote location

+5: **TOUCHSCREEN DISPLAY**
Complete diagnostic, multi-function display with all parameters including alarm function

TECHNICAL DATA



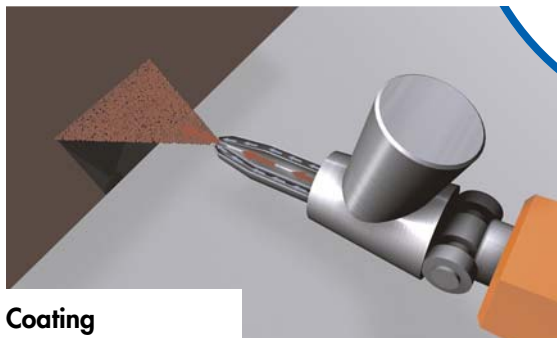
Chemistry

For the mixing of different materials, compressed air is employed. Materials to be mixed are blended in a silo by means of compressed air. The prerequisite condition for a perfect end product is processed and oil free compressed air



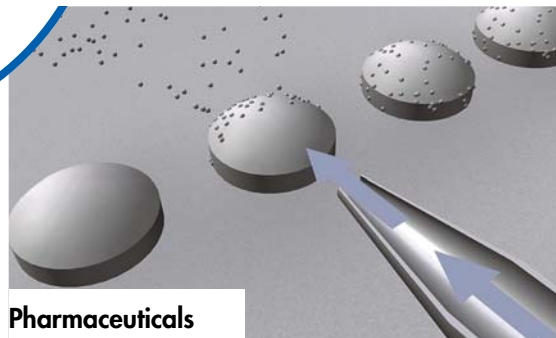
Food

Prior to filling, bottles are cleaned and blown out with compressed air for drying. Oil in the compressed air would accrete on the walls of the bottle and subsequently enter the product once filled. Oil free compressed air is an essential production factor for safe, quality product.



Coating

During painting / coating applications, compressed air is, amongst other uses, employed to transfer the paint from the spray gun to the carrier material. Oil contaminated compressed air leads to a variety of surface defects.



Pharmaceuticals

When tablets, pills, and capsules are produced dust is removed downstream using compressed air. The quality of compressed air is critical to hygienic safety as this is one of the final processes before the product is packaged.

Dimensions	19.2 x 6.7 x 4.7 in (W x H x D)
Power Supply	110 VAC 60 Hz
Medium	Compressed Air or Nitrogen
Identifiable Substances	Polyalphaolefins, aliphatic hydrocarbons (hexane, heptane), hydrocarbons, functional hydrocarbons (alcohols, ketones, amines, halogenated hydrocarbons), and aromatics
Operating Temperature	+32 to +131 °F
Operating Over-pressure	44 to 232 psig
Measuring Gas Humidity	≤ 40% relative humidity
Measured Increments	mg/m ³ (per ISO 1217 standard)
Measuring Range	≤ 0.01 - 5,000 mg/m ³ residual oil vapor content (per ISO 8573-1 standard)
Connection	3/8" internal thread
Installation Requirements	Vertically in a rising main with an oil and grease free measuring section

Working Temperature	+32 to +122 °F
Dimensions	9.1 x 7.9 x 4.7 in (W x H x D)
Outputs	Potential-free change-over contact 230 VAC / 5A or 30 VAC / 2A Ethernet Interface 4 to 20 mA (optional)
Power Supply	85 - 264 VAC / 47 - 63 Hz
Installed Memory	2 GB Internal Memory with data log



HIGH QUALITY COMPRESSED AIR FROM BEKO

The quality of your compressed air.

RELIABLE

The highest level of operational reliability is guaranteed with every product that BEKO manufactures.

EFFICIENT

Maximum energy efficiency and conservation are guiding principles of every product design.

ECONOMIC

Products that provide the quickest return on investment in the industry with the least amount of risk.

EFFECTIVE

German engineered with no compromises on quality.

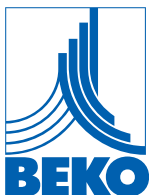
EXPERIENCE

More than 25 years of industry leading experience stands behind our entire product offering.

SOLUTIONS

Your single source for a range of performance compressed air products designed to work in synergy.

*Compressed air treatment and condensate technology.
The complete program. Worldwide.*



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