



ST-143-2001

Standard Measuring Range : 0.1 to 1 mg/m³

Time for Measurement : (see details in
Standard Deviation : operating instructions)
Colour Change : white → beige or yellow

Ambient Operating Conditions

Temperature : 10 to 30 °C
Absolute Humidity :
Pressure : The tube may only be used for depressurized compressed air

Reaction Principle

Oil + H₂SO₄ → beige-yellow reaction product

Cross Sensitivity

The indicates the total concentration of mineral and synthetic oil aerosols (mist) and oil vapors.

Several organic compounds with high molecular weights are indicated, but with different sensitivities.

Polyethylene glycol and silicone oil are not indicated until the concentration is quite high (e.g. 100 mg/m³).

Additional Information

After performing the required test volume the reagent ampoule must be broken and the liquid carefully drawn onto the indication layer using the pump.

In connection with a Dräger gas detector pump the tube can also be used for investigation of air in workrooms.