# **Methyl Ethyl Ketone-50**



Part No. (US): 813334

Part No. D5086837

## Performance:

Measurement Range	50 - 4000 ppm
Number of Strokes	3
Sampling Time	40 - 50 seconds per stroke
Relative Standard Deviation	Up to ± 25 %
Colour Change	Light yellow → Yellow

#### **Reaction Principle:**

C₄H<sub>8</sub>O + 2,4 -dinitrophenylhydrazine → hydrazone

### **Operating Conditions:**

Detector tubes can be used between 0  $^{\circ}$ C and 40  $^{\circ}$ C (32  $^{\circ}$ F and 95  $^{\circ}$ F) and up to 90% RH (46 mg/l at 40 $^{\circ}$ C [95 $^{\circ}$ F]).

#### Interferences and Cross Sensitivities:

Compound	Interference
Alcohols and Esters	No interference
Aldehydes and Ketones	Will be indicated but with different sensitivity
Ammonia	Interferers with the measurement by yellow-brown discoloration.



TLV(TWA): 200 ppm TLV(STEL): 300 ppm Flammable Range: 1.7 - 11.4%