



Designed as a direct replacement for the 6728371 Oil tube and available at the same price, the new Draeger Impactor tests for all synthetic and mineral oil mists in compressed-air and breathing-air. Utilising an innovative oil detection process the new Impactor eliminates the need to use an oxidising reaction to detect for the presence of oil.

The Impactor is fully compatible with the new F4000 / F4001 Safe-Air Testers and can also be used on the F3000 / F3001 / F3004 instruments by selecting a custom test time of 5 minutes.

With a standard measurement range of 0.1 to 1.0 mg/m³ the Impactor has a limit of detection of 0.05 mg/m³. The Impactor features a series of 3 horizontal lines, each formed by a series of precision manufactured nozzles. These horizontal lines of nozzles are calibrated to a different concentration of oil. When air is passed through these nozzles any oil present in the air is deposited on the glass plate prior to the air being exhausted by vents around its circumference. This allows the user to easily and quickly identify minute quantities of oil.

The top picture represents an oil concentration of 0.1 mg/m³. When the oil deposited forms a continuous line then the concentration is in excess of 0.1 mg/m³. The middle line represents a concentration of 0.5 mg/m³, again when the oil deposited forms a continuous line the concentration is in excess of 0.5 mg/m³. The bottom line represents a concentration of 1.0 mg/m³ and again when this forms a continuous line the concentration is in excess of 1.0 mg/m³.



Before Test



Typical Test Result – Oil present at a concentration of greater than 0.1 mg/m³ but less than 0.5 mg/m³



After Test



Typical Test Result – Oil present at a concentration of greater than 0.5 mg/m³ but less than 1.0 mg/m³