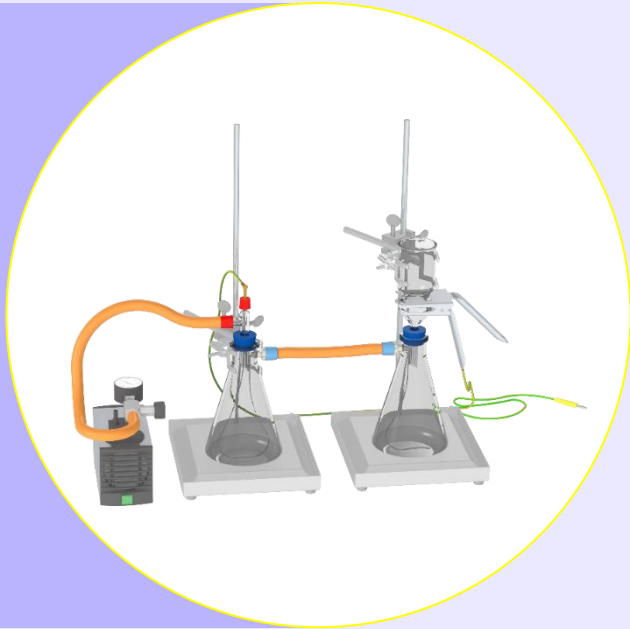


### Total Contamination In Middle Distillates, Diesel fuels and FAME

IP 440 – EN 12662



**Completely stainless steel**  
**Earth leads**  
**Robust**

#### General



In this test method a sample portion is weighed and filtered under vacuum through a pre-weighed filter. In the case of neat FAME and liquid petroleum products having a kinematic viscosity exceeding 8 mm<sup>2</sup>/s at 20°C, or 5 mm<sup>2</sup>/s at 40°C, the weighed sample portion is diluted with a solvent before filtration. The filter with the residue is washed, dried and weighed. Contamination is calculated from the difference in mass of the filter.

#### Filtration kit

The Tamson Filtration kit for IP 440 and EN 12662 (P/N 31T1999) consists of 0.7 micron filters (100 pcs), glass filter funnel and clamp, filter forceps, one litre safety flask, one litre receiving flask, one litre beaker, watch glasses (ten pieces), glass piece tubing with earth lead, stopper with hole (two pieces) and tubing.

The filtration kit can be supplied with a tripod with clamps to ensure that the filtration kit is not falling over. This greatly improves the safety when operating the filtration kit.








#### Necessary accessories for IP 440 – EN 12662

P/N	Picture	Suggested quantity	Description
13T8046		2	Tripod complete with clamps.
11T0033		1	Vacuum Pump (230V/50-60Hz), capable of maintaining -80 kPa during filtering.
11T0034			Vacuum Pump (115V/60Hz), capable of maintaining -80 kPa during filtering.

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### Total Contamination In Middle Distillates, Diesel fuels and FAME






IP 440 – EN 12662

Consumables for for IP 440 – EN 12262		
P/N	Picture	Description
31T0019		Box with 100 glass fiber filters (GF/F), 3 plain, 47-mm diameter, nominal pore size 0.7-µm.
31T0020		Glass funnel and glass filter support with a stainless steel filter screen for a 47-mm diameter glass fiber filter, and locking clamp and stopper, capable of receiving 300 mL.
31T0405		Vacuum filtering flask 1000 mL, Erlenmeyer shape.
31T0023		Glass piece with ground wire
31T0024		Forceps
31T0039		1000 mL beaker ISO 3819
31T0027		Small watch glasses (ten pieces), approximately 60 Ø mm.

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Optional accessories		
P/N	Picture	Description
21T0250		Desiccator with lid and knob, DN100
21T0251		Desiccator plate DN100, 90 mm, porcelain.
31T0046		Silica gel, 3 – 5 mm with indicator, 1 KG
31T0026		Petri dishes (ten pieces), approximately 120 Ø mm x 20 mm (height).
31T0025		500 mL cylinder, graduated in 5 mL increments.

# IP440