ifts
Institut de la Filtration et des Techniques Séparatives

For modern filter efficiency testing

Particle Counting Cabinet

FI-AN17

IFTS possesses all the necessary skills and equipment to design, manufacture and validate a complete range of counting cabinets, test stands, especially those which use particulate contaminants.

MULTIPASS TESTING REQUIREMENTS

IFTS has designed a new on-line particle counting cabinet to comply with specifications of multipass testing on:

- Hydraulic filters (ISO 16889 and ISO 23369)
- Fuel filters (ISO 19438)
- Lubricating oil filters (ISO 4548-12)
- Aerospace filters (ISO 14085)

This new equipment can be fitted to all existing filter test stands.

A CERTIFIED QUALITY DESIGN

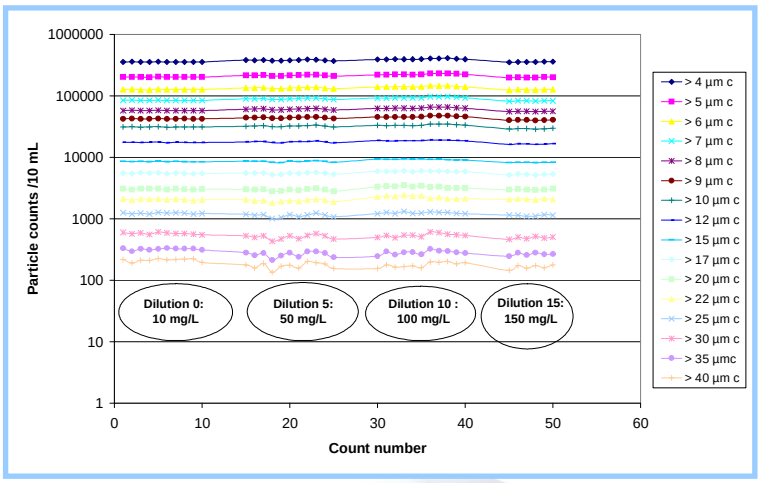
Equipped with high quality measuring and regulation instruments designed to allow its validation well within limits of ISO 11943.

STABLE RESULTS

Whatever the dilution ratio, the filter test line pressure or flow variations, the upstream and downstream flow rates and particle counts are stable at +/- 5 %.

TECHNICAL CHARACTERISTICS

- *Dilution ratio: 1 to 15 times*
- *Working Pressure: up to 50 Bar*
- *Size: 2 x 0,6 x 0,8 m*
- *Weight: 250 kg*
- *Clean fluid reservoir: 20 L*
- *Dilution fluid cleanliness: class 0 (ISO 11218)*
- *Record of all dilution/extraction flow rates*
- *Supplied with instrument calibration and equipment validation reports*
- *User manual: any European language*
- *Automatic calculation of real efficiency / beta ratio*



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