

For modern filter efficiency testing

## Particle Counting Cabinets



*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

