

Design and Manufacture

Test stands

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

FILTER CARTRIDGE TEST STANDS

To measure all performances and functional characteristics of all kinds of liquid filter cartridges up to 800 L/min (50m³/h).



HYDRAULIC COMPONENT CONTAMINANT SENSITIVITY TEST STANDS

Record all functional parameters of a component (e.g. power, rotational speed, flow rate, pressure, and intensity) during injection of all types of particulate contaminants over time periods of a few minutes to several weeks or months.



PARTICLE COUNTER AND CONTAMINATION MONITOR CALIBRATION TEST STANDS

To prepare primary and secondary calibration suspensions per ISO 11171 and perform online calibration / verification per ISO 11943.



ONLINE PARTICLE COUNTING CABINETS

W To measure instantaneous efficiency of all liquid filters by online counting of particles.



W Continuous record of all operating data and online printing of results (e.g. efficiency and clogging curves).

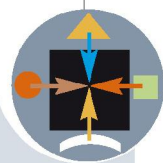


CONTAMINANT INJECTION TEST STANDS

W Test wear and tear in controlled conditions and quantify contamination sensitivity of all kinds of mechanical and hydraulic components.

W Test efficiency and capacity (life) of filters.

W Allow injection of all types of contaminants up to 1000 microns: ISO 12103, MIL E 5007E, SOFT C,



Head quarter:
Institute of Filtration
and Techniques of Separation

Rue Marcel Pagnol
47510 Foulayronnes France
Address:
PO Box 292 - 47007 Agen cedex
France
Tel: + 33 5 53 95 83 94
Fax: + 33 5 53 95 66 95
Email: ifts@ifts-sls.com

Your contact : Nicolas Petillon - nicolas.petillon@ifts-sls.com