

At IFTS, we create, design, and manufacture

Aperture Holder



Each year IFTS delivers filter test benches, particle counters, aperture holders, calibration stands, solvent dispensers... The same we experiment and use in our laboratories.

Already used by
AMKEY, BOSCH,
DELPHI,
DONALDSON,
FILTRAUTO,
HENGST, MAHLE,
MANN & HUMMEL,
PARKER, UFI, etc

YOU NEED TO TEST DIESEL FUEL FILTER WATER SEPARATION EFFICIENCY

IDEAL

- To produce water droplet size distributions found in real diesel fuel systems (i.e. pressure and suction filters)

APPROVED

- By world-wide experts in fuel filtration

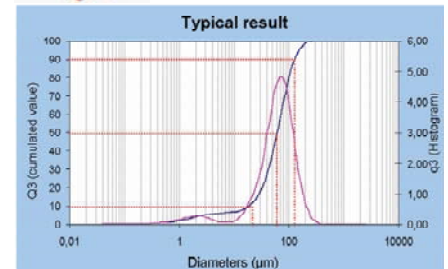
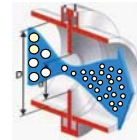
SPECIALLY DESIGNED BY IFTS

- For the new up-to-date diesel fuel filters water removal efficiency test procedure ISO TS 16332.



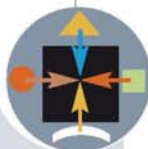
GENERATION OF A NARROW DISTRIBUTION OF WATER DROPLETS

- Principle based on the dissipation of a known energy within the fuel/water mixture by flowing through a calibrated aperture.

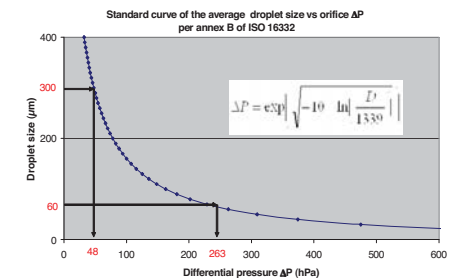


VERY EASY TO USE AND FIT TO ALL KINDS OF FUEL FILTER TEST CIRCUITS

- To be fitted to the test rig fuel circuit upstream of the filter under test and before the downstream sample point (produces a more representative sample than any "online mixer")



The water droplet size is the only function of the ΔP through the aperture



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TECHNICAL DATA

Flow rate from 50 to 900 L/h
In Duralumin with anti oxidation
treatment, standard connexion sizes
1/4" or 3/8" BSP
Water droplet size from 10 to 600 µm

Water content from 0.15 to 2%
Standard size for downstream
sampling point

Free: 4 extra apertures plates