Institut de la Filtration et des Techniques Séparatives

Practical, Adaptable, Reliable

Clean Solvent Dispenser

FI-AN11

IFTS is an expert in particulate contamination assessment and control. Thanks to its experience daily acquired in its laboratory IFTS has developed equipment of fluid cleanup of which the customers are going to be able to take advantage.

IF YOU NEED TO

- Measure the cleanliness level of parts and components
- Rinse parts or components before conditioning
- Measure the particulate contamination by gravimetric method (NF E 48-652, ISO 4405 or ISO 16232-6)
- Count the particles extracted from a component (ISO 18413 or ISO 16232) or in a fluid by microscopic analysis (NF E 48-651, ISO 4407 or ISO 16232-7), or by automatic counting (NF E 48-658, ISO 11500 or ISO 16232-9)
- State the contamination level of a fluid by the CODES NF E 48-655, NAS 1638 or ISO 4406 of a component by the CODES ISO 16232, or ISO 21017 or ISO 12584

YOU MUST HAVE a source of fluid, in particular solvent, clean and under pressure are specified in international standards.

IFTS CAN SUPPLY YOU WITH SPECIALLY DESIGNED EQUIPMENT

Wheel-mounted, it can be used either in laboratories or near assembly lines.
Ergonomic and functional, it facilitates the work of operators:

- Pressure gauges permanently indicate the pressure in the reservoir and in the fluid distributor and indicate the pressure drop in the filter
- The nozzle ends, easily interchangeable, can be designed to your specification
- Dispensing gun is accessible at table height
- The standard-size filter cartridge is easy to change, but seldom necessary due to its great retention capacity
- The apparatus is delivered with a validation certificate of the cleanliness level of the fluid (class or code NF, ISO code)

TECHNICAL CHARACTERISTICS

- Wheel-mounted, in stainless steel
- Volumes available: 10 or 20 L
- Pressure from 1 to 3.5 bar
- Safety valve to 3.7 bar included
- Tare weight: 13 kg
- Pressure gauges / upstream-downstream filters
- Fluid class NF 0 (ISO 8/4)
- Flow rate: 0.2 to 1 L/min
- Dispensing gun with stop valve
- Adaptable spray nozzles of all types (straight, flat, conical, rotary stems, elbowed…)
- Compatible seals: petrol ether, n-heptane, hexane, industrial solvents, others on request
- Filter cartridge: length 250 mm
  - filtration threshold: S = 3 µm
  - retention capacity: Cr = 120 g
  - clogging indicator
- Options available: volumetric indicator

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