

Aeronautics



INVENTEC has approvals and validations from amongst the greatest manufacturers and equipment manufacturers in aeronautics and astronautics.

Ranges

The INVENTEC company offers a wide range of solutions to meet your requirements in surface treatment applications via the following processes:

Process

Topklean™

Cleaning under vacuum (vacuum packaging machine) with A3 solvent
Ultrasonic machine

Process

HFE & Promosolv™

Azeotropic solvents and co-solvents
in vapour phase

Process

Promoclean™

Cleaning by immersion: TP range
Cleaning by spray: DISPER range

Process

Quicksolv™

Cleaning under room temperature with
solvent based fluids

Process

Axilis™

HF (hydrofluoric acid in solutions)

Manufacturer

SAFRAN

Aircelle - Famat - Hispano Suiza -
Messier Bugatti - Messier Dowty -
Micro Turbo - Micro Turbo
Snecma - Turboméca

**SOURIAU
CRYOSPACE
DASSAULT**

**AIRBUS
THALES
EADS/ASTRIUM**

Subcontractor

**ALCOA
GOODRICH
ESPA
HOWMET
SENIOR ERMETO**

**SIPEM
CAMECA
PAULSTRA
TITFLEX**

Maintenance

**AIR France Industry
EADS SECA
PRECILEC
SABENA TECHNICS
THALES AEM**



Applications

► Cleaning process

PROMOCLEAN™ TP 1214

- Cleaning servo motors in ultrasound tank
- Cleaning servo motors in ultrasound tank
- Inter-operational cleaning of VULCAIN & H7M engine parts with hydrocarbon A3 solvent
- Finishing cleaning of O2 contact engine parts

► Azeotrope process

PROMOSOLV™, NOVEC™ HFE

- Cleaning crankcases in vapour phase machine
- Finishing cleaning of moulded parts in disposable wax
- Finishing and pressure testing fluid transfer pipes
- Degreasing and de - pollution of piping, tubes, connectors, unions, electrical harnesses
- Cleaning screws and nuts in vapour phase machine
- Finishing connectors before assembly in vapour phase machine
- Cleaning the upper stage of the ARIANE 5 rocket tank by spraying
- Cleaning of pyrotechnic elements (Mirage and Rafale planes)

► Co-solvent process

TOPKLEAN™ + NOVEC™ HFE or PROMOSOLV™

- Cleaning electronic components in vapour phase machine
- Cleaning helicopter turbine parts in vapour phase machine
- Cleaning titanium rivets in vapour phase machine
- Cleaning engine parts in vapour phase machine

TOPKLEAN™ EVD Process (under vacuum)

- Inter-operational cleaning of VULCAIN & H7M engine parts with hydrocarbon A3 solvent
- Finishing filters with modified alcohol A3 solvent



► Co-solvent process

QUICKSOLV™

- Finishing aircraft wing de-icing elements before rubber to metal bonding

TOPKLEAN™ EVD Process (under vacuum)

- Inter-operational cleaning of VULCAIN & H7M engine parts with hydrocarbon A3 solvent

► Axilis process

HF

- SNECMA / DASSAULT / PCC : Chemical milling

NH3

- Bodycote: Nitriding
- AUBERT & DUVAL (ERAMET groupe) : Nitriding

Related services

- Development and implementation of cleaning ranges
- Monitoring baths thanks to our periodic diagnostic techniques in order to extend their lifetime
- Training on how to use our products
- Processing end-of-life packaging
- Recovery and processing of end-of-life products with our ECO PROGRAM procedure

