



## Press Release

### Dec Group Sterile Medicinal Products handling & Fill-Finish Solutions

Products-Services

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Dec Group has developed a range of liquid & powder filling solutions to meet pharmaceutical industry aseptic/sterile Fill-Finish process needs.

Including standard platforms and custom-tailored equipment, Dec's engineered microdosing and containment system technologies are designed to meet the industry's demanding requirements for sterile primary packaging with cGMP compliant filling solutions, closely adapted to process requirements and the most recent revisions of the EU EudraLex *Annex 1 Manufacture of Sterile Medicinal Products* guidelines. Dec's solutions, the new Annex I requirements and the latest status, trends and technologies in parenteral filling equipment are all covered in a new Dec Group White Paper, *Aseptic Filling Expertise: High Quality Pharma Technology Design*, available upon request.

#### Range of Fill-Finish solutions

All Dec filling equipment is configured for seamless integration into production lines and can accommodate various manufacturing speeds and packaging formats.

The full range of applications is tabulated below and include:

- RTU/RTF (ready-to-use or fill) bottles, vials, cartridges, syringes, pre-sterile nested trays and combined powder and liquid filling for dual chamber systems
- Filling methods for liquids/gels using Dec's patent pending BoMa combined vacuum pressure technology, net weight filling, peristaltic pump, rotary piston pump and  $\mu$ PTS, flexPTS, sPTS, or Auger system microdosing technologies for powders
- Nested / RTU Vials Pre-filled syringes single or dual chamber, cartridges, bottles, sachets & pouches

Most of these solutions take advantage of the Dec's PTS Powder Transfer System® ability to move powders over distance under total containment, meeting latest cGMP requirements for clean in place and sterilize in place (CIP/SIP), with no internal parts or inaccessible areas.

## About Dec

Dec is a leading global provider of contained powder handling systems and is recognized as a world-leading expert in process containment technologies. It has been supplying the pharmaceutical, chemical, food and cosmetic industries for more than 30 years.

Headquartered near Lausanne, Switzerland, Dec has a global presence with subsidiaries and agents in more than 30 countries including subsidiaries in the UK, Ireland, Germany, Poland, India, China and the USA.

In excess of 600 companies worldwide have successfully integrated more than 9000 Dec systems into their production sites. These include a wide range of patented products that enhance safety, hygiene, containment, reliability and productivity in powder handling.

Dec offers innovative approaches across the range of powder handling and process containment applications, including transfer, micronizing, filling/emptying, sampling, blending, dosing, aseptic solutions, milling, isolators and advanced cleaning (CIP/SIP) features.