

Healthcare Dispensing Range



At H&T Presspart we are committed to long-term partnerships with both our customers and suppliers. We have been supporting the growth of global pharmaceutical companies across different markets for 50 years. We partner with our customers to provide dedicated single-source supply and contingency concepts.

We deliver long-term value through continuous improvement and nurture partnerships through dedicated customer care.

Working Together

1.4bn

MDI cans, actuators, assembled devices and plastic components produced

Injection moulding machines with up to 64 cavities and 25+ automatic assembly lines

in manufacturing components and devices for the healthcare market

750+ 7200

Employees across our 4 sites and global functions

equivalent cleanroom space



Dispensing Actuators

H&T Presspart is a global leader in the design, development and manufacture of dispensing actuators for the pharmaceutical and healthcare market. With over 45 years' experience in the manufacture of injection moulded components, it is easy to see why H&T Presspart is the partner of choice for some of the biggest names in the pharmaceutical industry.

Our extensive range of dispenser actuators are compatible with a wide variety of industry standard pharmaceutical valves. They are suitable for mechanical spray pumps and for aerosol valves, and for oral, nasal, auricular and topical applications.



Avant Dispensing Actuator

Key Product Features

Oral and topical applications

Laser marking available

Tube can be bent upwards, downwards or kept straight

Ultrasonic welding of caps and nozzles

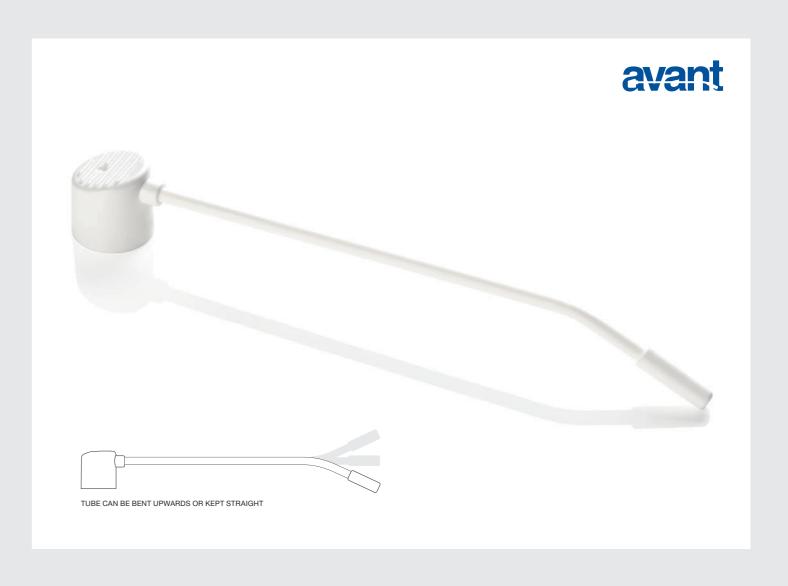
Quality Assurance

Assembled in ISO 7 Clean room

In line dry spray pattern testing

In line pressure and leakage testing

Pull off testing



Healthcare Dispenser Product Range

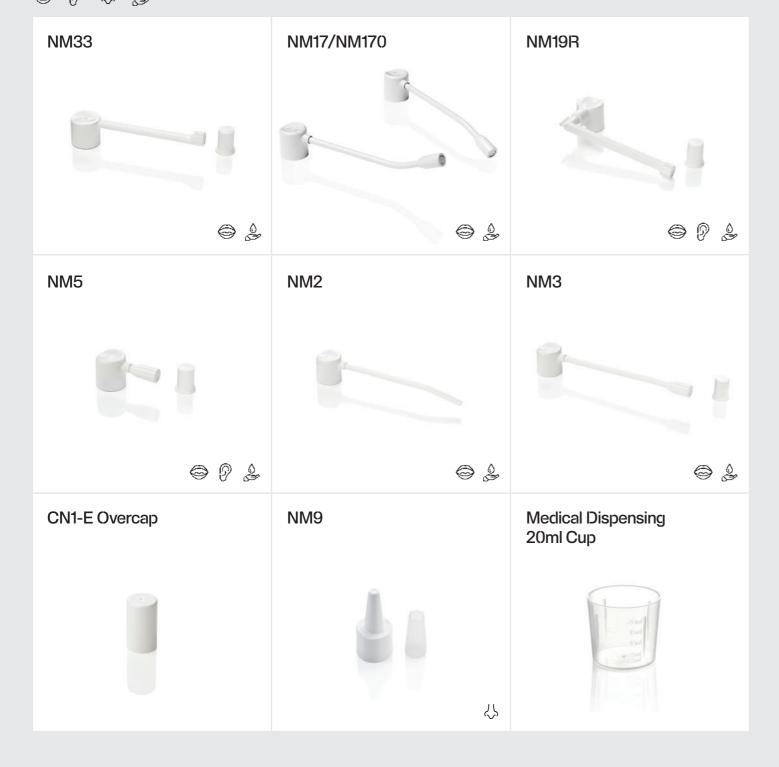
Suitable for oral, nasal, auricular and topical applications

Adapted to different pumps and valves

It can be used for either RX or OTC products

Optional protective dust caps





Pumps and Valves

H&T Presspart's range of dispensing actuators can be adapted to a variety of standard market available valves and pumps to suit the needs of our customers.

The below table shows which pumps/valves our dispensing actuator range can be adapted for. We can also adapt our dispenser range to meet your needs if your preferred pump/valve is not included on the list below.

| | | APTAR | | SILGAN DS PUMPS | | COSTER / RXPACK | | VARI |
|---------------|----|-------------|-------------|--------------------------|---------------------|-----------------|------------------|--------------|
| | | VP6 PUMP | VP7 PUMP | MK- MARK II- MARK VII | HIMARK/ SINFONIA | MSP PUMP | BOV 1" VALVES | KHA VALVE |
| Avant | | | √ | √ | | | √ | |
| NM2 | | √ | | | √ | √ | | |
| NM3 | | √ | | | √ | √ | | |
| NM5 | | √ | | | √ | √ | | |
| NM17 NM170 | | √ | | | √ | √ | | |
| NM19R | 4 | | | | ✓ | √ | | |
| NM33 | | | | | ✓ | √ | | √ |
| NM9 | 41 | | | | ✓ | √ | | |

State-of-the-art manufacturing capabilities

H&T Presspart's range of dispensing actuators are manufactured in a state-of-theart clean room facility at our site in Tarragona, Spain, ensuring our products meet all global regulatory standards for the pharmaceutical and healthcare market.



ISO 7 & ISO 8 Cleanrooms

H&T Presspart manufacture our range of dispensers in a clean room environment to ensure we meet the strict industry standards for the pharmaceutical and healthcare markets.



Quality Systems

Our systems and manufacturing facilities comply to ISO 9001, ISO 15378, ISO 13485, ISO 14001 and EU/FDA Good Manufacturing Practices (cGMP) ensuring the highest standards are adopted across the business.



Design, Research and Development

Our R&D team has state-of-the-art equipment including precise rapid prototyping capabilities, dedicated prototyping tools, and CAD Design stations to support the design and development of our customers products



nhalation Drug Delivery Solutions

Your partner at every stage of the development process

Whether you are looking for standard inhalation components or a bespoke device, H&T Presspart offers a wide range of services to support your developments. From the idea generation stage, to product design and manufacturing process definition onward to validation, we take your drug delivery device ideas or concepts to commercial reality and supply.



Engineers and scientists to support device developments



Concept and Feasibility

Realising user-friendly and sustainable drug delivery devices and solutions from your ideas and concepts

Optimisation of your design assuring the functionality and manufacturability of the device

Support in the material selection, assessing the product requirements and their processability



Design for Manufacturing

Development of robust and manufacturable designs to avoid costly development loops

Design for Manufacturing (DFM) and Design for Assembly (DFA) will be a particular focus in all our programs



Industrialisation

High-cavitation injection mould tooling and automation concepts

Value Stream Designs to ensure the most lean and efficient processes

Business continuity plans



Full regulatory service for dossiers in all major

Drug Master Files (DMFs) for our standard

ISO 9001, ISO 15378, ISO 13485, ISO 14001 certified and follow EU/FDA Good Manufacturing Practices (cGMP)



Prototyping and Testing

Samples throughout all project phases deliver valuable information for concept evaluation

Tests to ensure desired functionality for a datadriven Design Freeze

Design Verification Testing to demonstrate compliance with the Design Input Requirements and applicable regulatory



Small Series and Pilot Phase

Development of low cavitation tooling, semi-automatic assembly concepts and metrology plans

Delivery of low volumes for samples or



Smart Solutions

Development of integrated connected technologies to track adherence to therapies and correct use of the device in clinical or commercial setting



Analytical Services

Component Screening & Selection: Internal expertise to select suitable components and devices from a large portfolio

Analytical Development:

Full method development, transfer and optimisation of customer methods

In-vitro Characterisation:

- Delivered dose (DDU)
- Aerodynamic particle size distribution (APSD)
- Spray pattern and plume geometry
- Additional developmental testing such as drug adhesion testing, leakage testing, force profile testing for actuators and dose counters, degradation studies, accelerated shelf-life studies, device robustness testing
- MDI crimping and filling with conventional and low GWP sustainable propellants





Quality & Regulatory Support

global markets

product portfolio





Let's work together

Manufacturing

H&T Presspart Blackburn

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