H&T PRESSPART

Impacting Tomorrow. Together.

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

60+
Injection molding machines with up to 64 cavities and 25+ automatic assembly lines

50+
Years experience in manufacturing components and devices for the healthcare market

750+
Employees across our 4 sites and global functions

7000
Sqm of ISO 7, ISO 8 and ISO 8 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 wide range of dispenser actuators are compatible with a variety of industry standard pharmaceutical valves. They are suitable for mechanical spray pumps and for aerosol valves. The versatility of our devices allows us to provide dispensing solutions for oral, auricular, topical, and intimate routes of administration.

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

avant

TUBE CAN BE BENT UPWARDS OR KEPT STRAIGHT

Healthcare Dispenser Product Range

- Suitable for oral, auricular, topical, and intimate use applications
- Adapted to different pumps and valves
- It can be used for either RX or OTC products
- Optional protective dust caps
- Documentation package available for Regulatory purposes

ORAL/DENTAL · AURAL · TOPICAL · INTIMATE USE · FOOD GRADE · PHARMA GRADE

NM33

NM17

NM170

NM19R

NM5

NM530

NM2

NM20

NM3

Avant

CN1-E Overcap

20ml Dispensing Cup

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 actuators 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	NEMERA
	VP6 PUMP	VP7 PUMP	MK- MARK II- MARK VII	HIMARK/ SINFONIA	MSP PUMP	BOV 1" VALVES	20D/20N VALVE	KHA VALVE	SP270/SP3
Avant		✓	✓			✓	✓		
NM2	✓			✓	✓		✓		✓
NM20	✓			✓	✓		✓		✓
NM3	✓			✓	✓		✓		✓
NM5	✓			✓	✓		✓		✓
NM530	✓			✓	✓		✓		✓
NM17	✓			✓	✓		✓		✓
NM170	✓			✓	✓		✓		✓
NM19R				✓	✓				
NM33				✓	✓			✓	

State-of-the-art manufacturing capabilities

H&T Presspart's range of dispensing actuators are manufactured in a state-of-the-art 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 & IS0 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

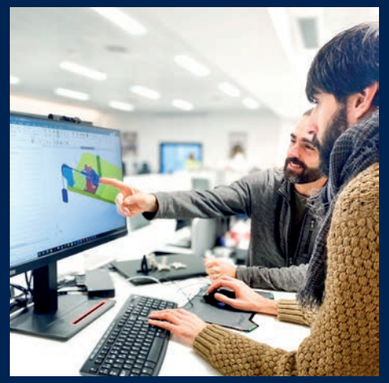
Our systems and manufacturing facilities comply to ISO 9001, ISO 15378, ISO 13485, ISO 14001 and EU/FDA Good Manufacturing Practices (cGMP) ensuring the highest standards are adopted across the business.

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

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.



30+

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

Industrialization

High-cavitation injection mold tooling and automation concepts

Value Stream Designs to ensure the most lean and efficient processes

Business continuity plans

Quality & Regulatory Support

Full regulatory service for dossiers in all major global markets

Drug Master Files (DMFs) for our standard product portfolio

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 data-driven Design Freeze

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

Small Series and Pilot Phase

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

Delivery of low volumes for samples or clinical trials

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

H&T PRESSPART

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Let's work together

Manufacturing

H&T Presspart Blackburn

Whitebirk Industrial Estate
Blackburn, Lancashire, BB1 5RF
United Kingdom

Tel: +44 1254 582 233

H&T Presspart Marsberg

Am Meilenstein 8 – 19
34431, Marsberg
Germany

Tel: +49 2991 980 400

H&T Presspart Tarragona

Avda. del Foix, s/n
Parque Empresarial "El Foix"
43720 L'Arboç, Tarragona, Spain

Tel: +34 977 167 526

H&T Presspart Nidau

Ipsachstrasse 14
2560 Nidau
Switzerland

Tel: +41 32 332 73 32

Sales Representation

H&T Presspart North America

Florida
United States of America

Tel: +1 984 900 6509

H&T Presspart Latin America

Montevideo
Uruguay

Tel: +598 92 166 775

H&T Presspart India

Mumbai
India

Tel: +91 981 966 0002

H&T Presspart China

Xi'an
China

Tel: +86 187 2925 0868

www.presspart.com