

Custom solutions to your needs.

Dispensing Systems OEM Products

Original Equipment Manufacturing

An interdisciplinary team of BRAND employees concentrates exclusively on the individual design for your specific requirements in the areas of:

- Dosing assembly and dispensing systems
- Plastic injection molding

From the idea, through development, to the implementation of demanding products or systems, BRAND applies its comprehensive materials and process expertise.



Dispensing Systems

Proven technology with great flexibility

Simply indicate your dispensing requirements and we develop the best solution for you.

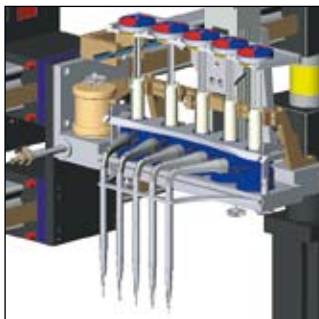
Design and development work

We work closely with you to define a functional profile based on a comprehensive target-performance analysis. From this profile we develop a design draft tailored to your requirements. Then we conduct a 3-D study which helps us to develop a complete solution for your functional objectives.

For process installations, we bring into action the latest engineering techniques, including Production-Integrated R & D, 3-D Computer Aided Design, and Simultaneous Engineering.

Seeking an optimum blend of ergonomics, functionality and economy in our proposal, we approach the construction of your installation with technically proven system components whenever possible. This modular construction principle gives first consideration to reliable units from our standard product range to minimize engineering uncertainty.

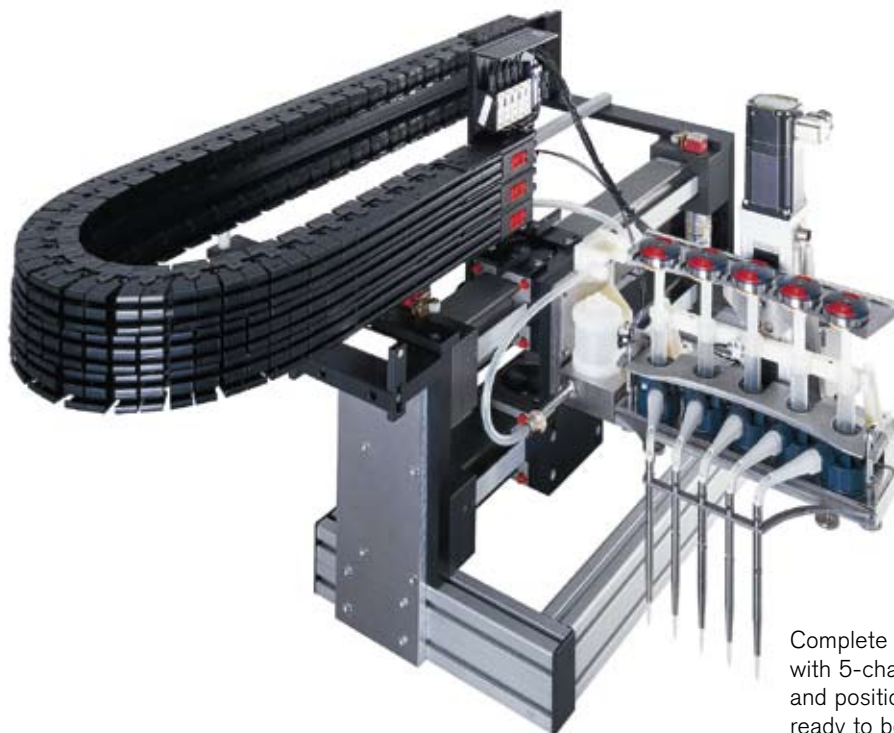
Before final manufacture is undertaken, operational prototypes are tested extensively under the production conditions that will apply later.



3D-Studies



Operational 5-channel dispensing head

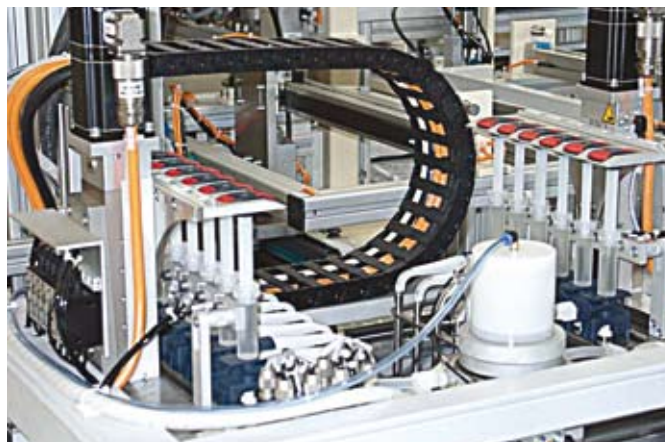


Complete dispensing assembly with 5-channel dispensing head and positioning technology, ready to be integrated with other system elements.

seripettor® dosing system – benefits at a glance

BRAND dosing systems (e.g., seripettor® type) excel by:

- High accuracy and long-term stability
- Sturdy construction and high quality standard
- Maximum performance and reliable continuous operation
- Tried and tested standard components from the BRAND laboratory range
- Minimum dead volume of liquid paths, for easy rinsing and minimal loss of media when changing media
- Maximum availability, minimum downtime
- Very easy replacement of dispensing cartridges and valve heads (also available sterile) – without any tools
- No need for recalibration after replacing or cleaning valve heads and dispensing cartridges
- Low maintenance costs
- Patent protection of essential system components



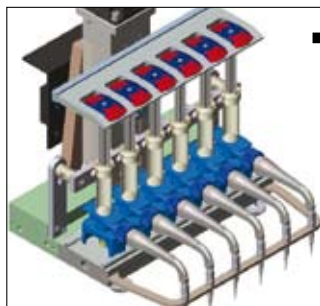
12-channel (2 x 6 channel) dosing system, seripettor® type system.
Fully automated production line for filling samples (250 µl).
Output: 360 samples/min. Fully integrated into a blister filling and packing plant.

Compact design. Simplicity of operation. Replacement of dispensing cartridge and valve head within seconds, without tools (patented).

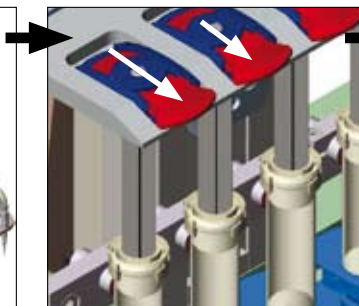
You benefit from proven, cost-effective standard components of the BRAND Liquid Handling range (sterile and/or autoclavable also available) combined with the best and most reliable automation and control elements.

seripettor® – dispensing cartridge and compact valve head by BRAND

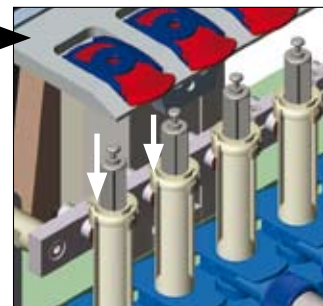
Disassembly within seconds:



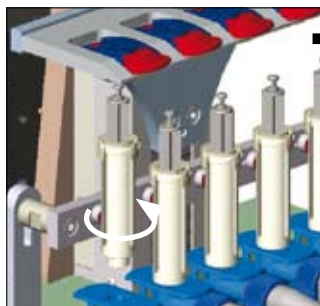
seripettor® multichannel system with autoclaving kit (V4A)



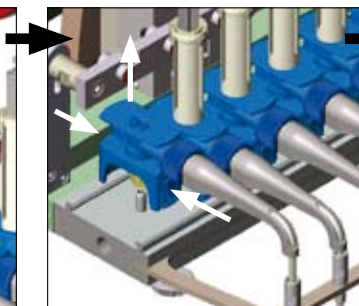
1. Open piston lock (slider)



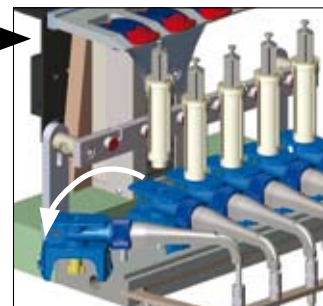
2. Push down piston



3. Turn to remove dispensing cartridge / replace



4. Loosen valve head



5. Pull out valve head with discharge tube from bracket

Plastic Injection Molding

Demanding products for problematic areas of application

Plastic Injection Molding

Manufacturing technically demanding plastic products is our strength. We work mainly with thermoplastic materials, creating products that are distinguished, for example, by the need to maintain tight tolerances, by outstanding optical features or specific surface qualities.

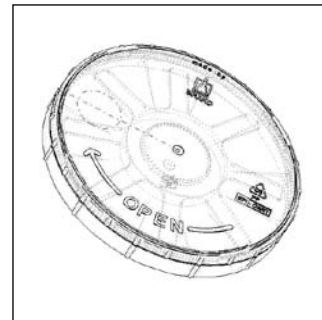
Production can be conducted, if needed, under microbiologically-controlled Class 100,000 (ISO Class 8) clean-room conditions: sterile, free of endotoxins, DNA-free, ATP-free and RNase-free. If special needs demand, we have facilities for production under laminar-flow conditions up to Class 100 (ISO Class 5).

Design and development work

We begin by drawing up a comprehensive product profile and solution plan, with an economical, often fully automated production process as our objective.

To the production-integrated R & D, 3D-Computer Aided Design, and Simultaneous Engineering used in our process system development projects, we add state-of-the-art product design and testing techniques, including Mold Flow Analysis, Failure Mode and Effects Analysis (FMEA), Rapid Prototyping (operative prototypes for early testing) and Computer Integrated Manufacturing (CIM).

These powerful design tools – combined with years of injection molding experience with a wide range of materials – help us determine the optimum product plan, taking technical feasibility, functionality, design and product economics into account.



CAD-models



Rapid Prototyping



Clean-room



Injection Molded Products

Examples of our high-quality OEM-products include disposable and reusable plastic items such as special cuvettes, components of pharmaceutical packs, accessories for testing kits, components for "Lab-on-a-chip"-systems, or special application pipette tips.

Current applications include the pharmaceutical, medical, veterinary, biotech, micro-electronics and cosmetics sectors, as well as the food industry.

Further processing

Beyond strict injection molding operations, BRAND can also offer its experience for the improvement of finished or semi-finished injection-molded products by such operations as mechanical processing, printing or assembly, if needed.

Tool manufacture

BRAND manages the development, manufacture and maintenance of its injection-molding tools. This experience enables us to ensure manufacture of the products developed for you to the critical standard you desire.

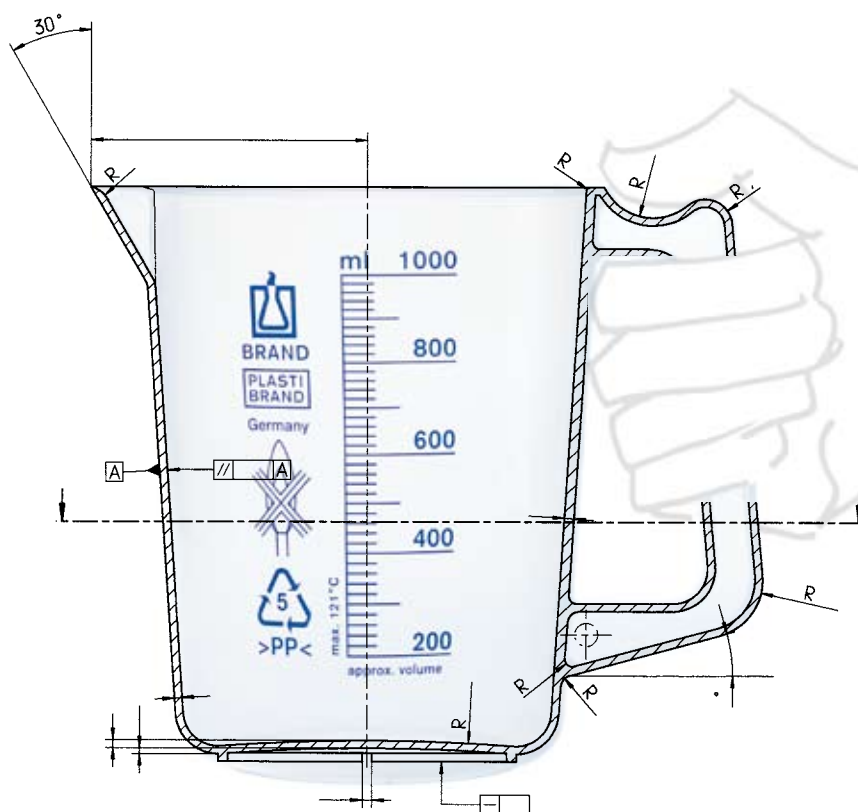


Logistics

Logistics and Service

In supply to over 120 countries over decades, BRAND has demonstrated its reliability on deadlines and quantity, and flexibility when it comes to packaging, pre-assembly and intermediate storage.

Items are identified by barcodes or individual labeling, as you prefer, and we organize packaging and preassembly according to your specifications. Our customers benefit from a close, individual link-up to our efficient warehousing and dispatch system, which are controlled by an SAP/R3 computer system. This capability can include a link-up to customers or freight forwarders by Electronic Data Exchange (EDI).



Your competitive edge

BRAND – Single-source responsibility



Production and Logistics

Talk with us. BRAND works with you to solve the problem, and then relieves you completely of the design and execution burden.

We mastermind for you the entire development, from preliminary analysis, through the design, construction and manufacture of operational prototypes, right through to the finished product.

The production of your plastic product or process system and management of the logistics for its timely delivery is then undertaken in our modern, highly automated factory.

Savings in time and costs

Combining our efficient development processes, our automated production facilities, integrated quality control and the most modern logistics management, guarantees you the shortest possible time between problem definition and product delivery. In a competitive world, BRAND's efficiency can be your winning edge.

BRAND can even research intellectual property rights for your new product, so that you can be assured that your new product is adequately differentiated from its competition.

Lifetime costs of your new products and systems are also a key objective of a BRAND development program. We design dispensing systems that are particularly easy to service and maintain. Along with reasonable spare part prices, this guarantees a high level of efficiency for your installation.

Economical small-scale production or automated mass production, – either way, our mission is your competitive edge.

Superlative quality standards

BRAND maintains the highest internationally recognized quality standards in the field of OEM-products and dispensing systems. Detailed information on our quality philosophy, quality certification, quality assurance and supervision of testing methods may be found in the Technical Information chapter of this catalog.

Your personal contact

From the start, for the entire project, a single contact at BRAND is at your disposal. He manages your project within BRAND and keeps you informed regularly on the status of the development and production work. This open access and close collaboration ensure that your project and developing product can be easily monitored, and its details adjusted at any time.

We look forward to discussing your special needs. You are, of course, most welcome to visit us in Wertheim, where an on-site inspection of our production and development facilities – and discussions with our professional staff – will convince you that we are your single source for OEM design and production.

Please contact us via:

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