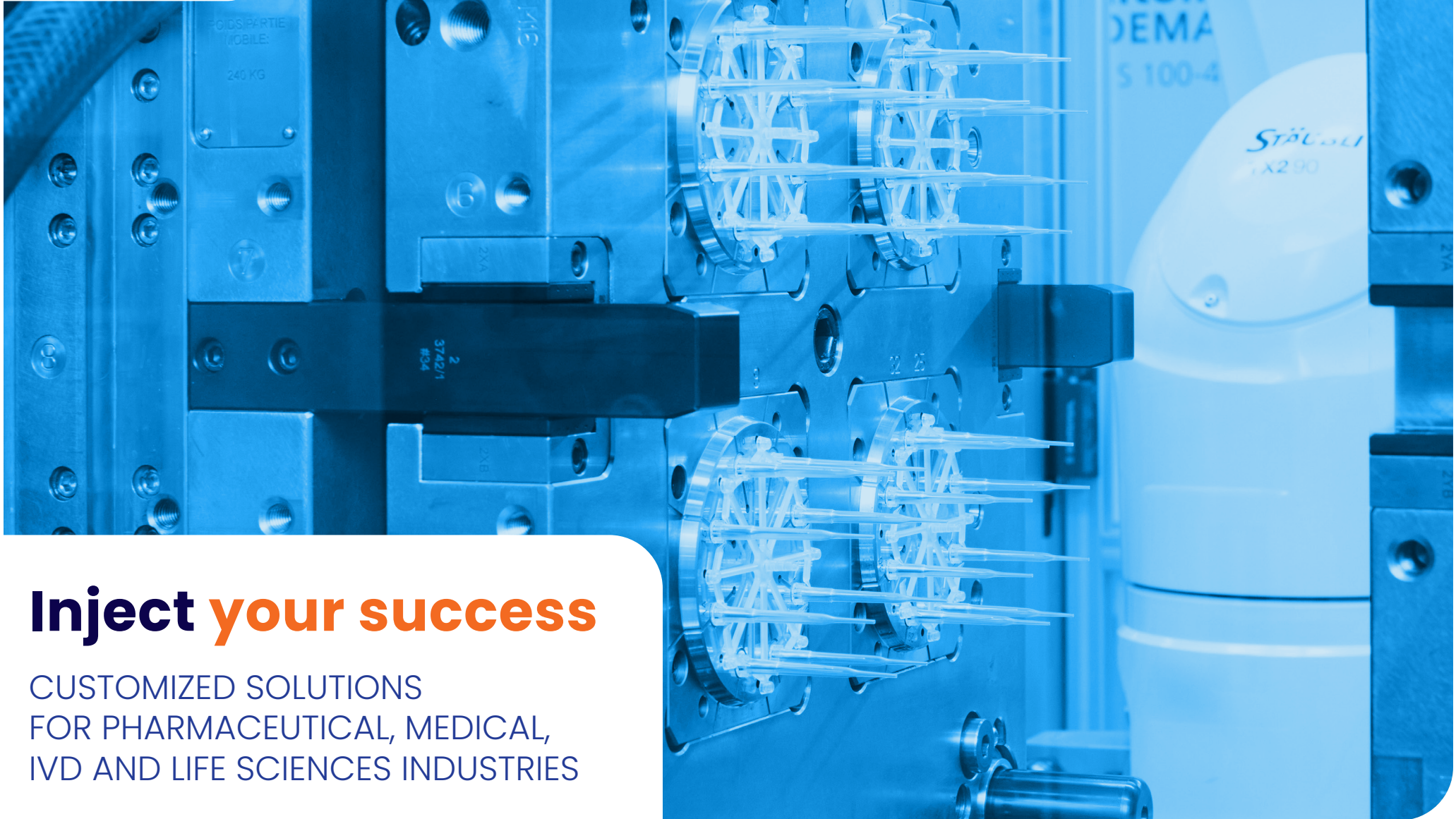




CUSTOMIZED SOLUTIONS
FOR PHARMACEUTICAL, MEDICAL,
IVD AND LIFE SCIENCES INDUSTRIES

YOUR ONE-STOP-SHOP CONTRACT MANUFACTURER PARTNER

SGH Medical Pharma is an international group specialized in the design and manufacturing of medical devices and high-end consumables for the pharmaceutical, life sciences and diagnostic industries.

Thanks to our technical expertise, our state-of-the-art industrial tools and our regulatory skills, we offer standard products or customized solutions to support our customers' innovations.

Our expertise covers two business units:

- Contract manufacturing for OEM
- Proprietary drug delivery systems and primary packaging



3 manufacturing plants in France and North Africa



+350 employees



More than **80** IMM and **30** automated lines & extrusion blow molding

OUR CAPABILITIES

- **Contract manufacturing** – optimize your costs and stay focused on your core business
- **Existing process improvement** – from design to supply, including automation
- **Product development from ideation to commercialization** – improve your costs, budget, manufacturing lead times, and time to market
- **Tool transfer** – Foster production continuity and enhance supply chain reliability

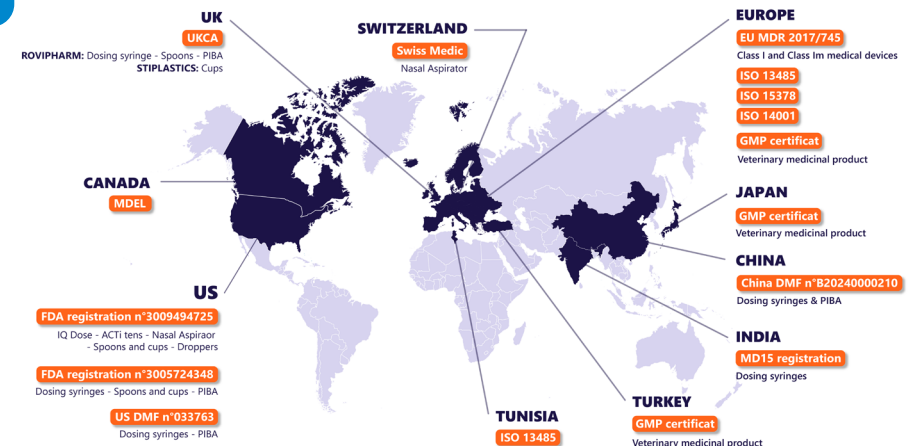
CONSISTENT QUALITY POLICY

- Track record of **+130 CE-marked devices**, a DMF to the FDA and UKCA compliant
- **GMP** manufacturing processes
- Pharmaceutical establishment
- Tight **quality controls** for both products and processes
- Low PPM rates (<0,5 ‰)
- Regular IPC (In-process Control)
- Tool shop

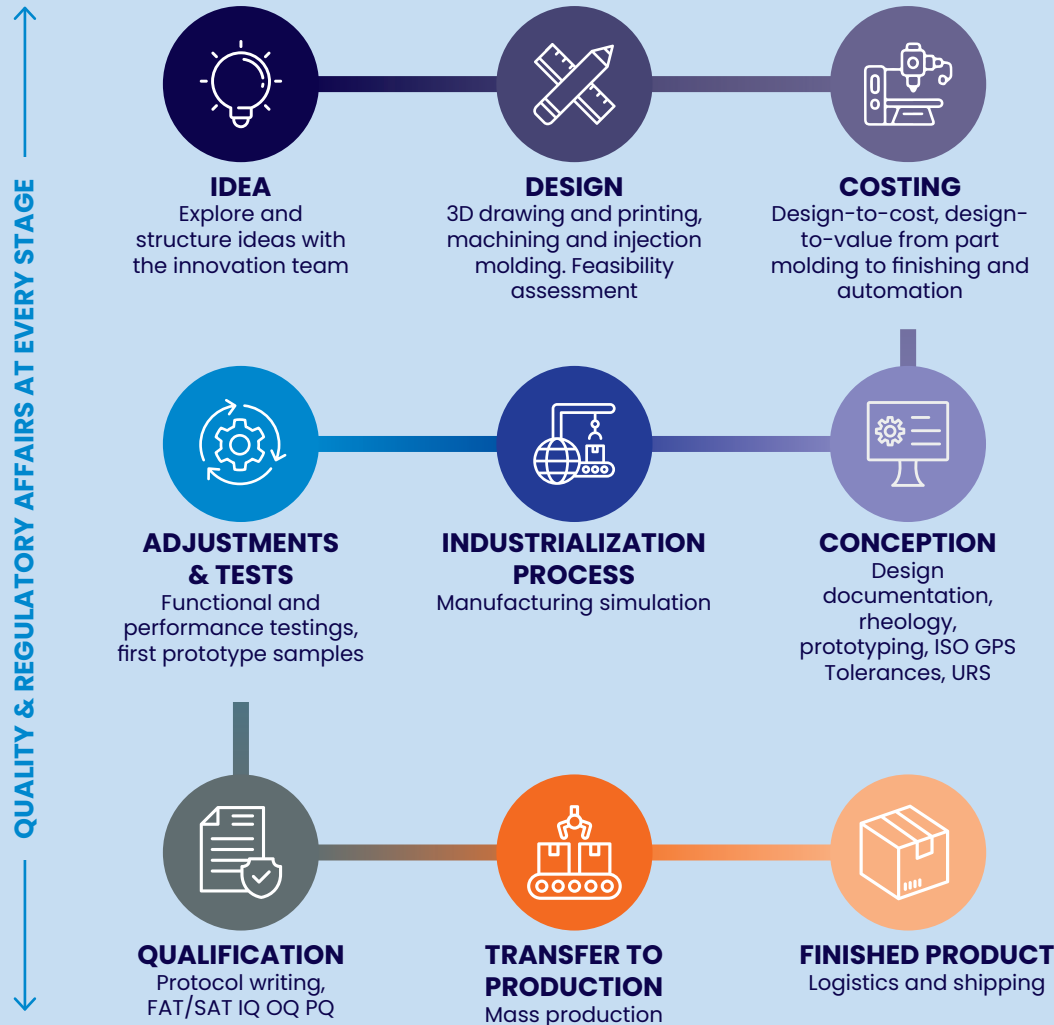


EXPERTISE IN PLASTIC TRANSFORMATION

- 1k and 2k injection molding
- High-cavitation molds enable 3k production of large volumes and easy scale-up
- **ISO 8/7 DNA-RNA free** cleanrooms to ensure the highest levels of performance, safety, hygiene and productivity
- More than **80 IMM** with clamping forces ranging from 50 to 360 tons and 4 extrusion machines



OUR SUPPORT PROCESS FROM IDEA TO COMMERCIALIZATION



STATE-OF-THE-ART AUTOMATION & ASSEMBLY PROCESSES

Expertise in automation with 30 automated lines based on our in-house design and installation of special machines

- Creation of automated lines to ensure repeatability, quality and profitability while scaling up production volume
- Integration of technologies such as camera control, marking, automated assembly, bundling...

Expertise in improving existing automated lines

- Analysis, drafting of specifications, proposals for optimizing existing lines to achieve 100% automation, monitoring of associated documentation (protocols and qualifications in pharmaceutical and/or medical device mode)
- 100% in-house developed IML system with high-speed camera inspection

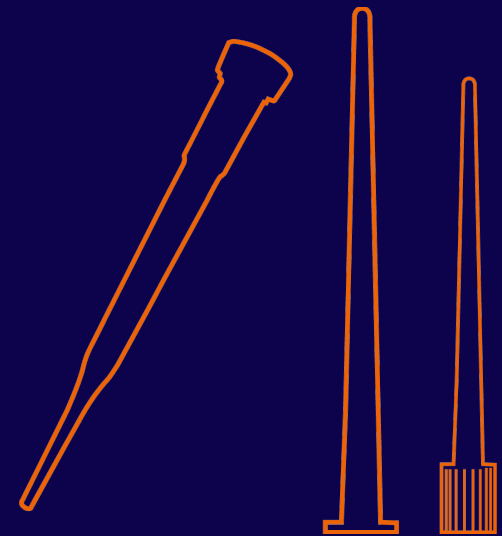
SGH TUNISIA

SGH Tunisia is a certified manufacturing site with **70 employees** and **3,000 m² of production space**.

Our operations are **ISO 13485 certified** and carried out in a cleanroom environment. **Plant in Tunisia is dedicated to all types of manual and semi-automated assembly.**



YOUR FULLY CUSTOMIZABLE HIGH-END PLASTIC MEDICAL PARTS



PROVEN EXPERTISE IN MANUFACTURING PLASTIC MEDICAL CONSUMABLES

We design and manufacture specialized consumables tailored for liquid handling systems and secure storage for biological and chemical samples.

IVD

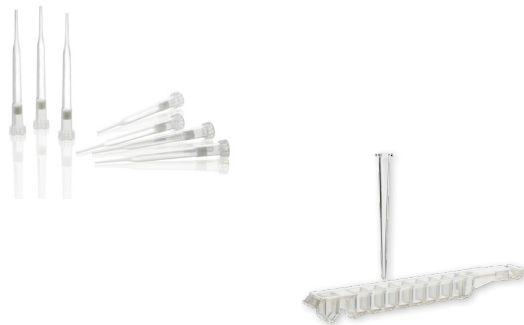
- Bacteriology
- Immunoassay
- Molecular testing
- Blood sampling
- Infectious disease screening tests

LIFE SCIENCES

- Microbiology research
- Virology
- Immunology
- Molecular biology
- Cell culture
- Neurosciences

Our solutions

- PCR plates
- Microplates
- Multi-well plates
- Pipette tips
- Test tubes
- Trays
- Strips
- Syringes
- Sample containers
- Culture flasks
- And many more...



We develop innovative consumables engineered to support both human and veterinary health with precision and reliability.

HUMAN HEALTH

- Injection-related devices
- Infusion / Nutrition / Transfusion
- Safety and protection devices

ANIMAL HEALTH

- Reproductive health
- Injectable administration
- Parasitology / Insecticides
- Infusion
- Safety and protection devices

Our solutions

- Pre-filled syringes
- Drug delivery systems
- Cannulas
- Luer lock syringes
- Customized caps
- Dialyzers



ZOOM ON OUR PRODUCT DEVELOPMENTS



Our development capabilities in 4 examples:

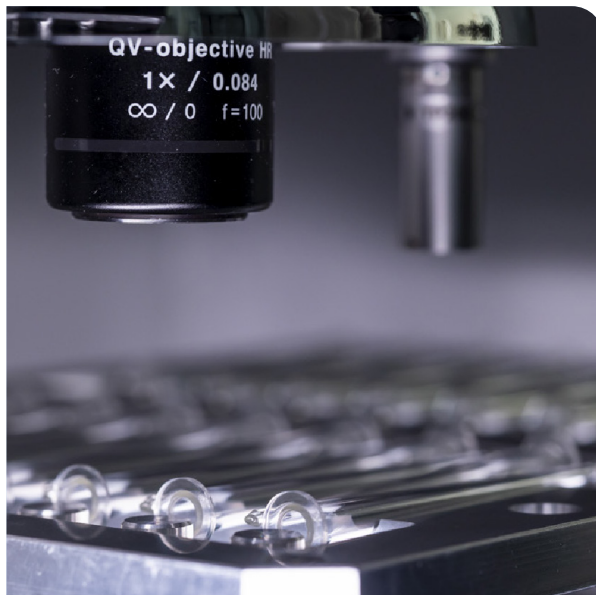
- 1 Tool transfer for bacteriology & immunoassay applications
- 2 Contract Manufacturing of pre-filled syringes
- 3 Inhalation chamber: From design to industrialization
- 4 Improving production processes through our expertise in automation

1 TOOL TRANSFER FOR BACTERIOLOGY & IMMUNOASSAY APPLICATIONS

CONTEXT

An In-Vitro Diagnostic systems specialist asked our company to relocate its consumables production lines.

We were consulted to manage the transfer of molding machines, providing our expertise and innovative solutions to ensure continuous, high-quality production.



ACTIONS

Re-qualification of the production lines

Implementation of rigorous controls for IVD industrial standards :

- 100% sheet inspection for functional and dimensional quality
- Addition of pressure sensors in injection molds for qualification and drift detection
- Fingerprint sorting to facilitate traceability and quality control

Investment in two inspection and packaging lines in a controlled environment

We improved production reliability with technical solutions.

RESULTS

With our rigorous teamwork, we implemented **delegated batch release**, simplifying supply processes and ensuring full, reliable traceability for our partners.

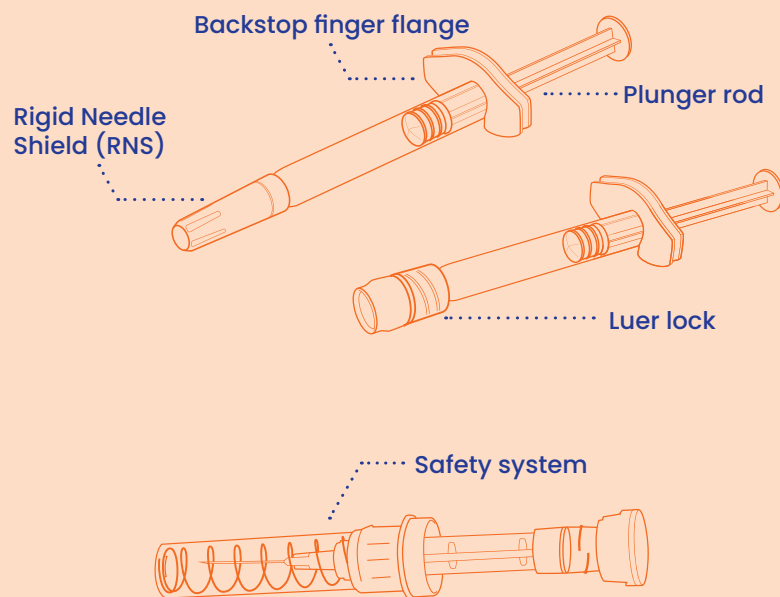


CONTRACT MANUFACTURING OF PRE-FILLED SYRINGE PARTS

We produce standard and customized solutions around pre-filled syringes to meet the growing and specific demands of the injectable products market.

At SGH Medical Pharma, we can meet your pre-filled syringe needs **by manufacturing a wide range of components.**

Our high-quality precision engineering and our Regulatory and Compliance teams allow us to produce USP Class VI and VII components according to ISO 13485 GMP, with FDA and CE marking.



OUR EXPERTISE

- ISO 8/7, DNA-RNA free cleanroom production
- Validation and quality control
- Biocompatible materials
- High-performance production cycle



YOUR BENEFITS

- Components for liquid and lyophilized drugs
- Customizable solutions (size, color,...)
- Cost-effective production cycle
- Patient safety and compliance
- Supply chain reliability
- Technical support during the project
- No particulate components



2 HOW WE SUPPORT THE GROWTH OF PRE-FILLED SYRINGE NEEDS

FOCUS ON PLUNGER RODS

OUR KNOW-HOW

- ISO 8/7, DNA-RNA free cleanrooms
- +5 molds available with multiple cavities
- Very fast cycle time production
- Mold development and maintenance plans created accordingly
- Sizes and colors upon request
- Plunger rods fit the diameter and length required for various PFS bodies

PRODUCT BENEFITS

- Dimensional fit to plunger threads
- Can withstand the forces associated with product administration
- Don't increase withdrawal and sliding forces during use



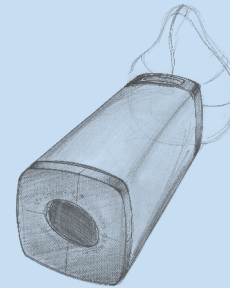
3 INHALATION CHAMBER: FROM DESIGN TO INDUSTRIALIZATION

Leveraging our technical expertise and research & development capabilities, we develop and industrialize innovative medical devices, such as our new inhalation chamber, specifically designed to meet market and patient expectations.

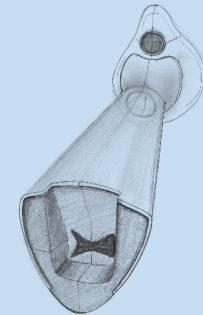
We have developed and industrialized an entirely new inhalation chamber compliant with MDR regulations. We started from scratch and capitalized on both our in-house capabilities and our collaborative studies with university partners.



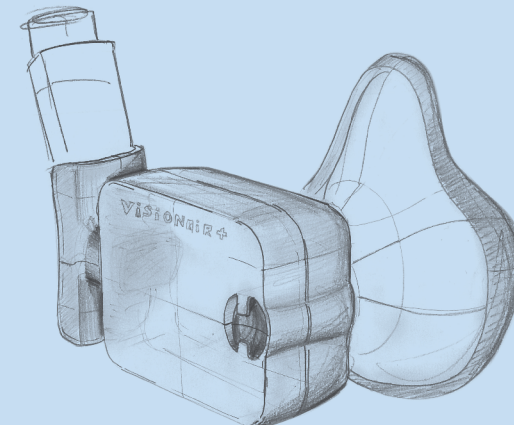
PROTOTYPE 1



PROTOTYPE 2



FINAL VERSION



4

IMPROVING PRODUCTION PROCESSES THROUGH OUR EXPERTISE IN AUTOMATION



CONTEXT

A manufacturer of blood purification equipment wanted to change suppliers for a consumable used in its home haemodialysis machines.



ACTIONS

- Development of state-of-the-art lines to improve and simplify cutting operations
- Integration of built-in cameras & sensors for reliable, reproducible processes.
- Mold cycle time to improve part pricing



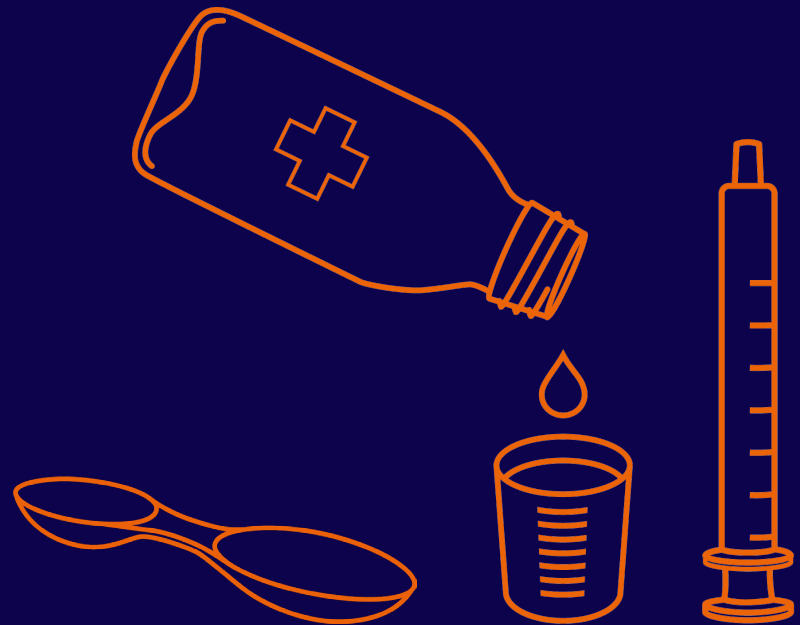
RESULTS

- Zero-defect approach with **100% automated inspection**: ensuring precise welding, burr-free tubes, and flawless micro-perforation control
- Boosting productivity, with 2 high-performance cutting lines



OUR STANDARD PRODUCT RANGES

- Drug delivery systems
- Medical primary packaging



WE MANUFACTURE OUR PROPRIETARY MEDICAL DEVICES FOR PHARMACEUTICAL...

By producing drug delivery systems and primary packaging for the pharmaceutical industry, we guarantee optimal efficiency and patient safety.

ORAL DOSING SYRINGES

- 3 ranges (Classic, Advanced and Evolution)
- From 0.3mL to 10mL
- Customization on color and marking (scale and unit of graduation)



DOSING SPOONS

- From 0.05mL to 55mL
- Customization on color, marking and packaging
- Wide range of shapes (Spoonbox®, semi-spherical, double dose, oval and cylindrical)



INNOVATIVE DRUG DELIVERY SYSTEMS

- IQ Dose, X'Temp, Press & Take, Capsu'Matic...



DOSING CUPS

- From 2.5mL to 55mL
- For caps PP25 to PP28
- IML high-end customization on request



DROPPERS

- From 50mm to 110mm
- Closures available to complete the range
- For DIN18, PH18, PP25, PP28 bottle necks



... AND FOOD SUPPLEMENT INDUSTRIES

BOTTLES & CAPS

- From 60mL to 1000mL
- PP28 bottle neck
- Food and pharmaceutical grade raw materials
- Standard colors (amber, natural, white) and other colors on request



UNICADOSE

- Unicadose of 10mL and 15mL
- 100% recyclable PP
- Around 20 colors available



PILL JARS

- From 30mL to 250mL
- Closures : snap-on and screw systems
- Food-grade raw materials
- Standard colors (amber, transparent, white) and other colors on request



SINGLE DOSE

- Single-dose of 10mL and 25mL
- PET material
- Tamper-evident closure



NOTES

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



www.sgh-medical.com

**Are you ready to talk
with our teams and
inject your success ?**

Your contact at SGH Medical Pharma

Name

Email

Phone

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