# Pharmaceutical primary packaging Medical devices

CRC, TE and hybrid caps, containers and bottles, medical devices

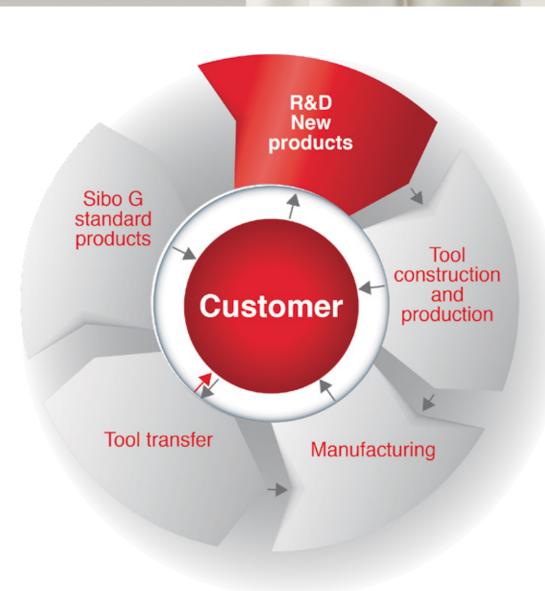






# **IN-HOUSE RESEARCH AND DEVELOPMENT DEPARTMENT**

Quick response to our customer's desire from product and mould design to in-house mould manufacturing. Possibility of 3D print prototype parts before pilot mould production. Possibility of different pilot moulds before serial mould production.







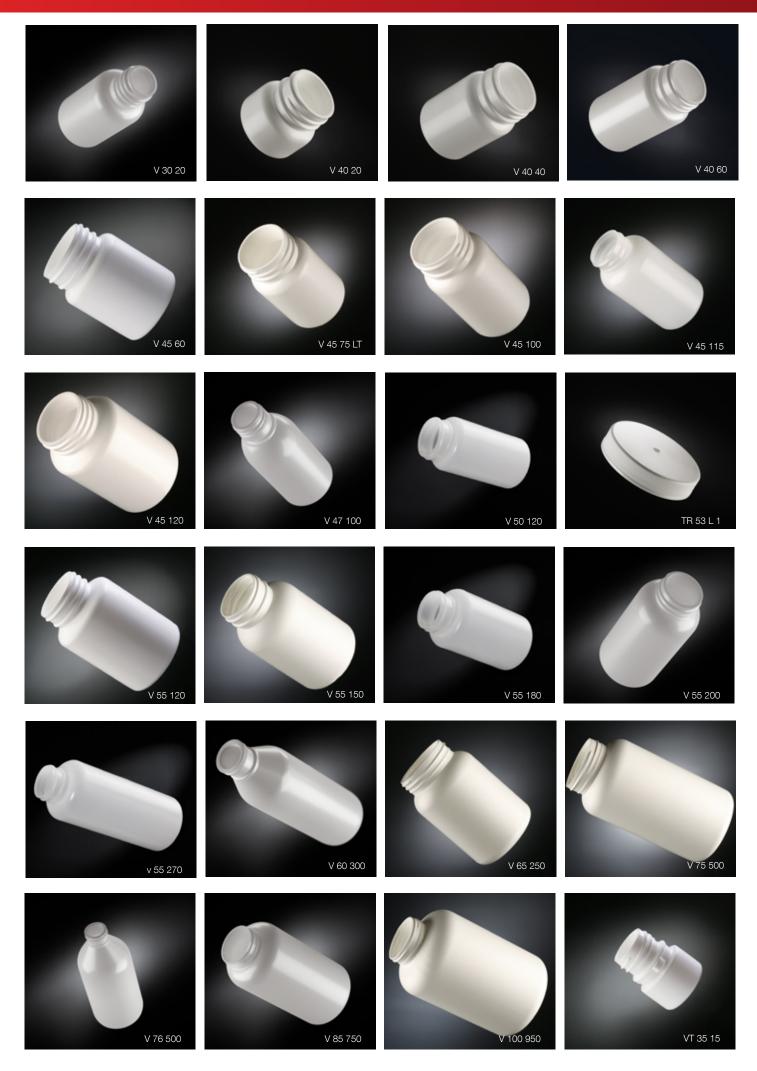
- Clean room ISO 14644, class 8 on  $740 \ \text{m}^2$
- 5 EBM (extrusion blow molding) machines
- 6 IBM (injection blow molding) machines
- $\fint{5}$  IM (injection molding) fully electric machines equipped with linear robots clamping force from 50 to 380 t.

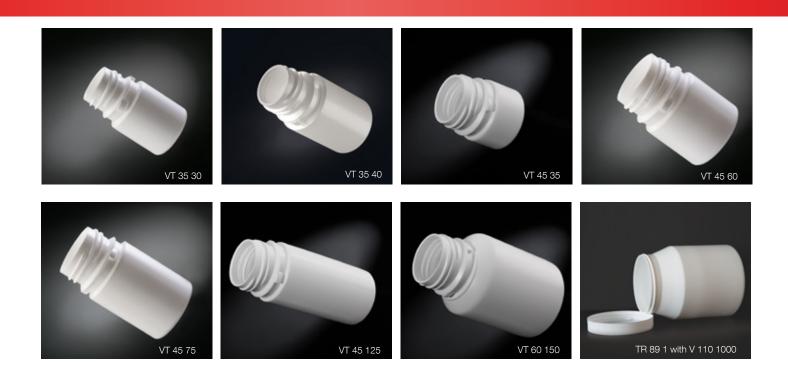


- Tamper Evident cap with corresponding bottles:
  15 ml-330 ml,
- Child Resistant Caps with corresponding bottles:
  20 ml-270 ml,
- PE-HD bottles: 10 ml to 1.000 ml.

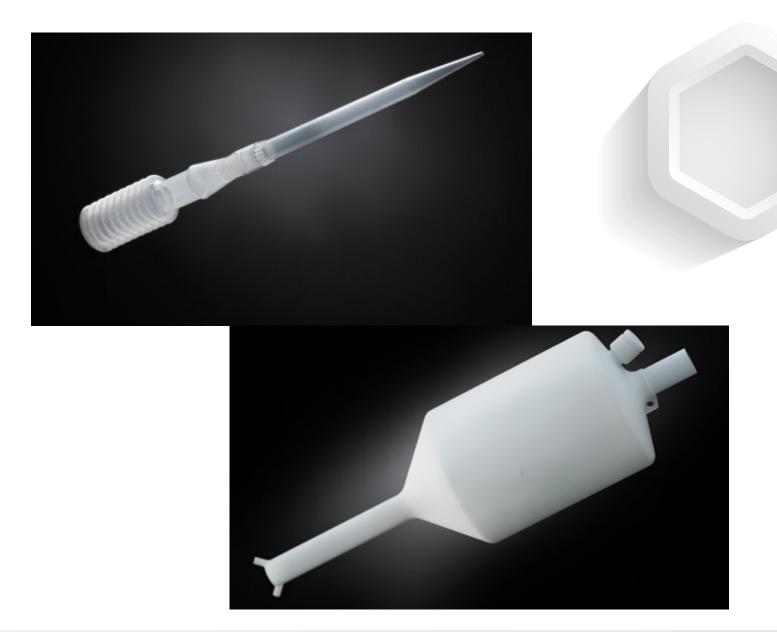
- Products tailored to individual customers' needs,
- Regulatory compliance (EU Pharmacopeia, FDA approved / DMF), QMS,
- Material used: PP, PE-HD, PE-LD, PC, ABS, PS.







# MEDICAL DEVICES























### **CONTAINERS**

#### Containers with CRC cap



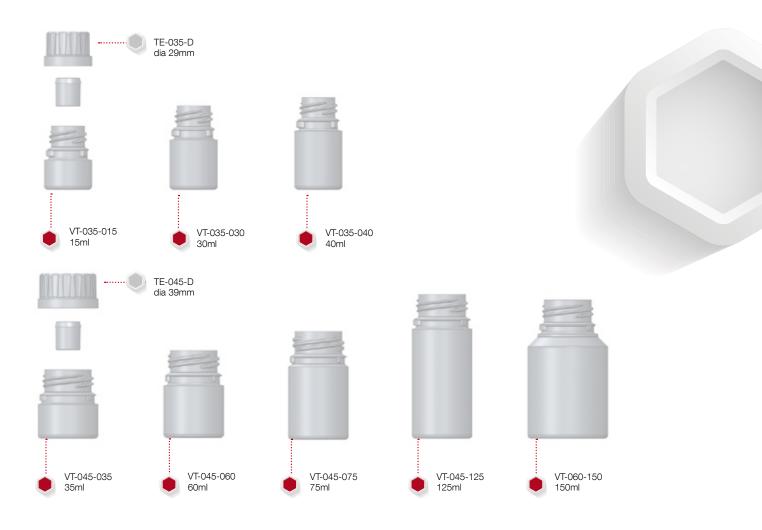




# Legend:



#### Containers with tamper evident cap



#### Containers with screw on cap



#### Containers with push-on TE cap

#### Spoon







#### Hybrid closures



CR 33-D CRC closure tamper evident desicant dia 33 mm

Available as: CRC CRC + TE CRC + TE + D CRC + D

20 ml, 40 ml, 60 ml, 75 ml, 115 ml, 270 ml



CT 33-D tamper evident desicant dia 33 mm

Available as: CT CT + TE CT + TE + D CT + D

20 ml, 40 ml, 60 ml, 75 ml, 115 ml, 270 ml



CT 38-D tamper evident desicant dia 38 mm

Available as: CT CT + TE CT + TE + D CT + D

60 ml, 75 ml, 100 ml, 120 ml, 150 ml, 180 ml

#### Nasal spray bottles with screw on thread

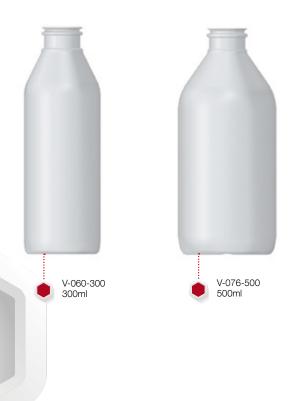


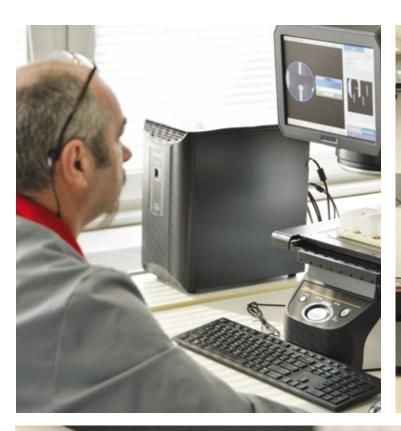
#### Container with screw on cap



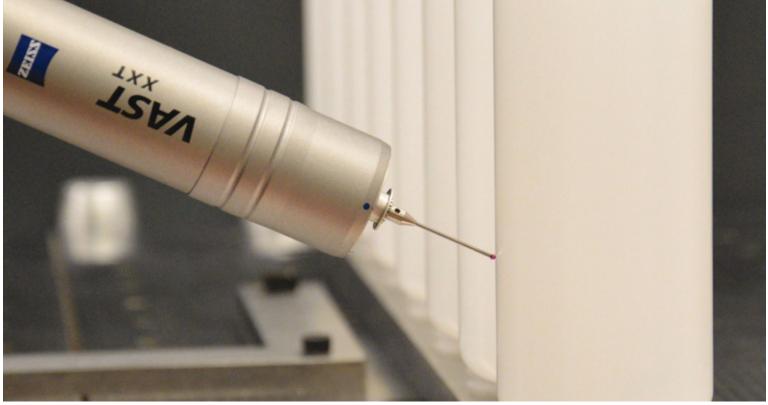


#### Containers with push on cap









## INTEGRATED MANAGEMENT SYSTEM -

compliance between organizational regulations and international standards:

- ISO 9001:2015 quality management systems,
- ISO 14001:2015 environment management systems,
- ISO 45001:2018 occupational health and safety management systems.

#### AND FOLLOWING:

- Good manufacturing practice GMP,
- Clean room production ISO 14644, class 8,
- Sampling procedure for inspection ISO 2859-1,
- Requirements for medical devices ISO 13485,
- Requirements for primary packaging materials for medical products ISO 15378.

