

Do you need an expert to develop and manufacture your blood/plasma/cell processing equipment?

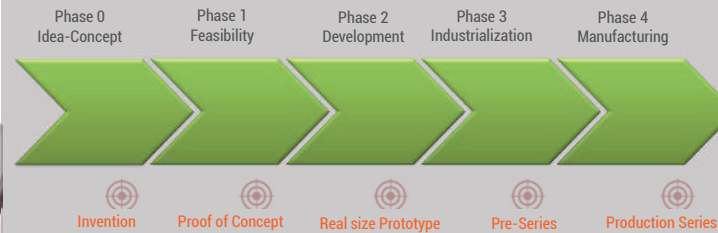
Your direct benefits

- Feasibility studies
- One stop shop for full product life-cycle
- Device simplification
- Complete project documentation complying with ISO 13485 standard (DHR, DMR, FMEA...)

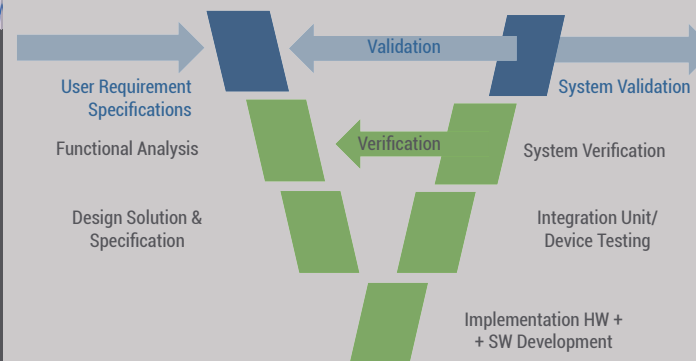


New generation, cordless handheld tube sealer

New Product Development Methodology



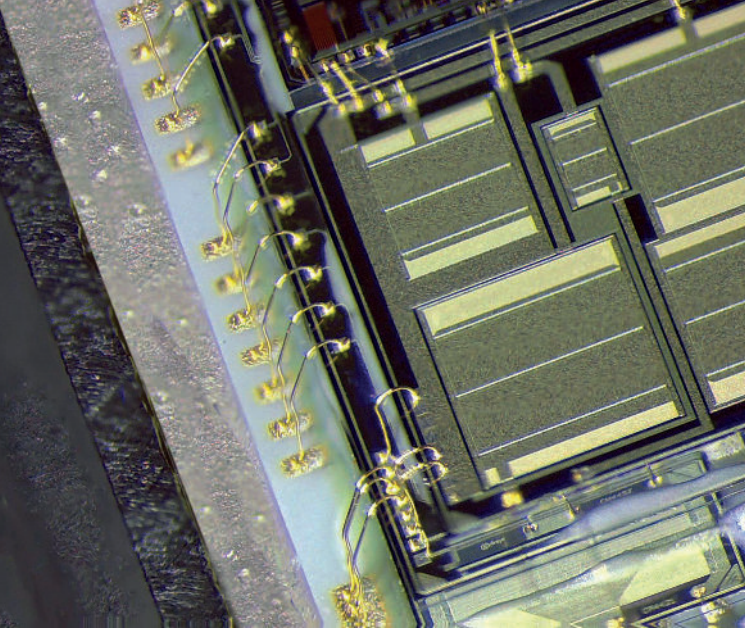
V&V Expertise



Valtronic is specialized in electronic miniaturization and high-precision mechatronic and electrical systems

Valtronic is experienced in

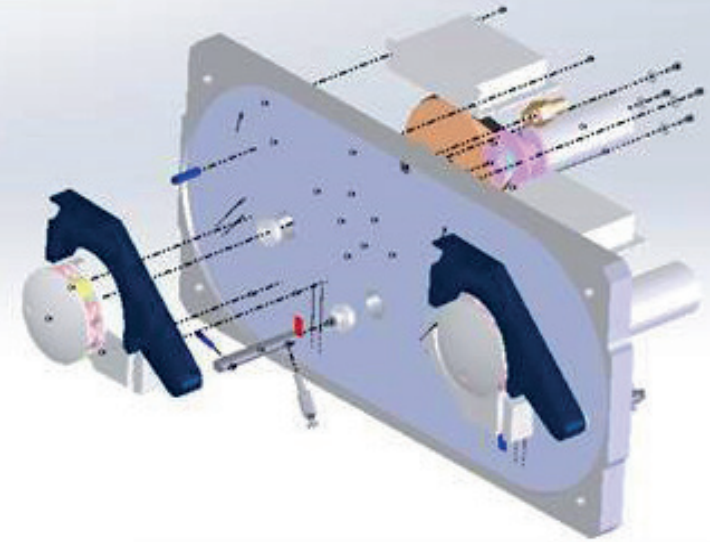
- Autologs
- Centrifuge Systems
- Cooling/Heating Systems
- Cells Separation
- Heating and Sealing Systems
- RF Generators
- Soundless Pumps



3D stacking of 13 dies

Valtronic is your specialist in

- Development and design of high-precision mechatronic and electrical systems
- Production of complete devices
- Sub-system and system miniaturization
- Full systems integration
- Early stage prototyping
- Full product life cycle management, i.e. feasibility, design, development and industrialization
- Medical expertise within the development team



Soundless Pump

Technologies & Know-how

- Mini-SMD (01005; 008004)
- CoB (Chip on Board)
- FC (Flip-Chip) glued, thermo-compression or ultrasonic
- CoC (Chip on Chip)
- CoFC (Chip on Flip-Chip)
- BGA (Ball Grid Array)
- MEMS integration
- 3D Stacked-Die Technology
- Mechatronic Systems Assemblies
- Embedded Software
- Fluidics and Thermics



Heater / cooling system used in blood bank/cells fields

Valtronic at a glance

- R&D teams in Switzerland & the USA
- Production in Switzerland, the USA & Morocco
- More than 35 years of experience
- About 350 employees including 70 engineers
- ISO 9001 & ISO 13485; FDA registered
- Dedicated to the Medical Industry

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