

VALTRONIC™

We design, develop and manufacture miniaturized and complex products for our worldwide medical device partners



Ultrasound treatment robot

Spread over three continents and headquartered in Switzerland, Valtronic offers advanced miniaturized electronic solutions for the entire product life cycle from concept, feasibility & design to prototype, production and finished goods manufacturing.

Project Managers
Electronic Engineers
Mechanical Engineers
Firmware + SW Engineers
Layout Engineers
Manufacturing Engineers
Process Engineers
Test Engineers
Quality Engineers
MD PhD

Design and Feasibility



Industrialization and Manufacturing

25 000 m² Manufacturing
540 m² Clean room (ISO 5 & 7)



Competences and Know-how

SMD / THT
FCC (Flip-Chip Contact)
CoB (Chip on Board)
CoC (Chip on Chip)
CoFC (Chip on Flip-Chip)
BGA (Ball Grid Array)
MEMS integration
CSP (Chip Scale Package)
3D Stacked-Die Technology
Mechatronic assemblies
Embedded software
Fluidics and Thermics

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

www.valtronic.com

Active Implants

- Deep Brain Stimulation Probes
- Cochlear Implants
- Bio-Compatible Retinal Implants
- Treatment of Sleep Apnea
- Spinal Cord Neuro Stimulator
- Programmable Morphine Pumps
- Intelligent Pills
- Gastric Bands



Portables

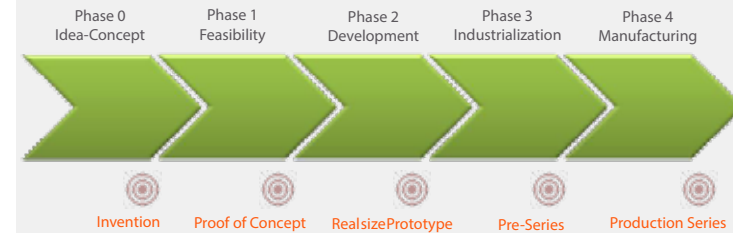
- Mobile Infusion Pumps
- Blood Pressure Monitors
- Hand-held Drug Inhalators
- Respirators for Emergency Care

Medical Equipment

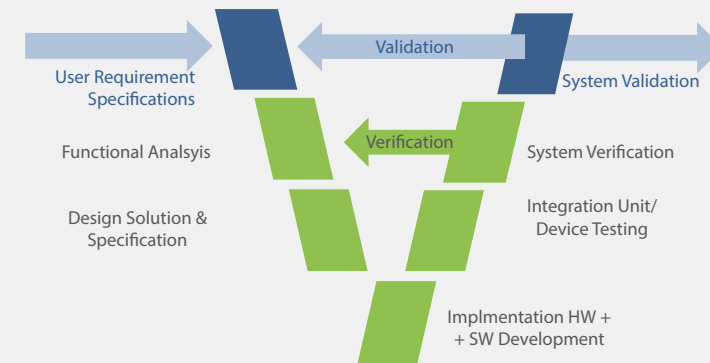
- Ultrasound Treatment Robots
- Blood Transfusion Systems
- Neurosurgical Positioning Robots
- Disposable Bronchoscopes
- Infusion Pumps
- MRI Pre-amps
- Multi-Slice CT Scanner Boards
- Digital X-Ray Units
- Detector Circuit-Boards

For over thirty five years, we have helped hundreds of companies develop and produce Class II & III medical devices

NPD Methodology



V&V Expertise



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