

KET*

Focus on () Key Enabling Technologies - nanotechnologies, advanced materials, advanced manufacturing and processing*

360

INNOVATE
TOGETHER

27th June 2019 - Strasbourg - FRANCE

Project idea/ Field of expertise:

Microfabrication and miniaturization in product development

Organisation Name:

SIRRIS – Product Development Hub

Adressed challenge(s)/ PPP(s):

Micro-assembly in miniaturized product development

Adressed topic(s) in Work Programme:

DT-FOF-07-2020:
Assembly of micro parts (RIA)

Sirris

Collective centre of the technological industry in Belgium

150
Technological
Experts

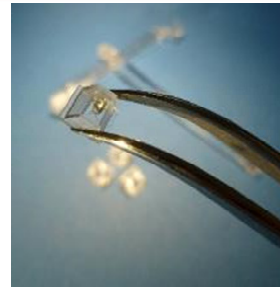


LIGHT PRODUCTS



- Polymer Products
- TP-based Multi-Materials Structures
- Topological Optimization
- Applied Genetic Optimization

MICRO PRODUCTS



- Microfluidics/Healthcare
- Micro-Devices
- Micro-Optics
- Surface Engineering
- Micro-Mechanics
- Plastronics

SMART PRODUCTS

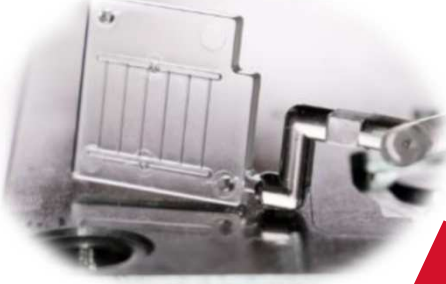


- Smart functions Physical Embodiment & Packaging
- Smart Products Platform
- Smart Enabling Technologies

Our Expertise



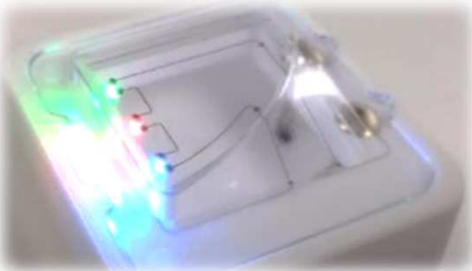
10 μm \varnothing tools / optical finish



incl. ultrasonic molding



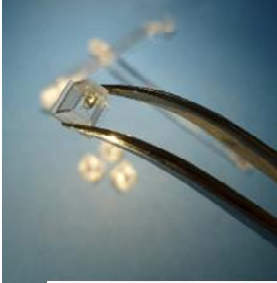
First in Benelux



10 μm min. feature size

- Micro-machining
- Micro-replication
- Micro-assembly
- Micro-Printing
- Micro-3D-printing
- Metrology

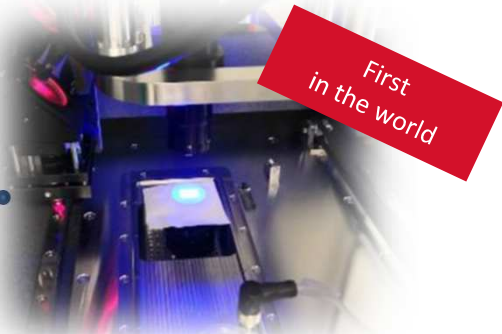
MICRO PRODUCTS



- Microfluidics/Healthcare
- Micro-Devices
- Micro-Optics
- Surface Engineering
- Micro-Mechanics
- Plastronics



27/06/2019 - BE KETs-360



First in the world

Combined SLA + MPP

From 80 mm down to 1 μm dimensional range

Contact details

Contact person	Jacques HALLEUX
Organisation	SIRRIS
Adress	Liege Science Park, rue du Bois Saint-Jean, 12 4102 – SERAING (Belgium)
Phone	+32 (0)498 91 93 34
E-mail	jacques.halleux@sirris.be
