



*Industrial design and
integrated services to support
large companies, SMEs, and
start-ups*

“*Overview*”

/ AV Consulting Group

/ Services

/ Team

/ Case Study

/ Contacts

Combined experience

We have been supporting companies in the innovation of their business for over 30 years.



Mission

Providing a service in which *the engineering part merges with the aesthetic aspect*, which must be the distinctive element to stand out from the target market.

Company

Innovation through the development of an idea.

AV Consulting is an industrial consultancy company that operates in the *world of design* and, more generally, *product innovation*.

It was founded in 2008 by Gabriele Angelucci and Valter Valenti Marketing - Commercial and R&D area officers of the company.

DNA

A network of professionals specialized in different fields allows us to meet our customers' needs.

Flexibility and speed are integrated into the company's **DNA** and are distinctive features to characterize its organizational structure.

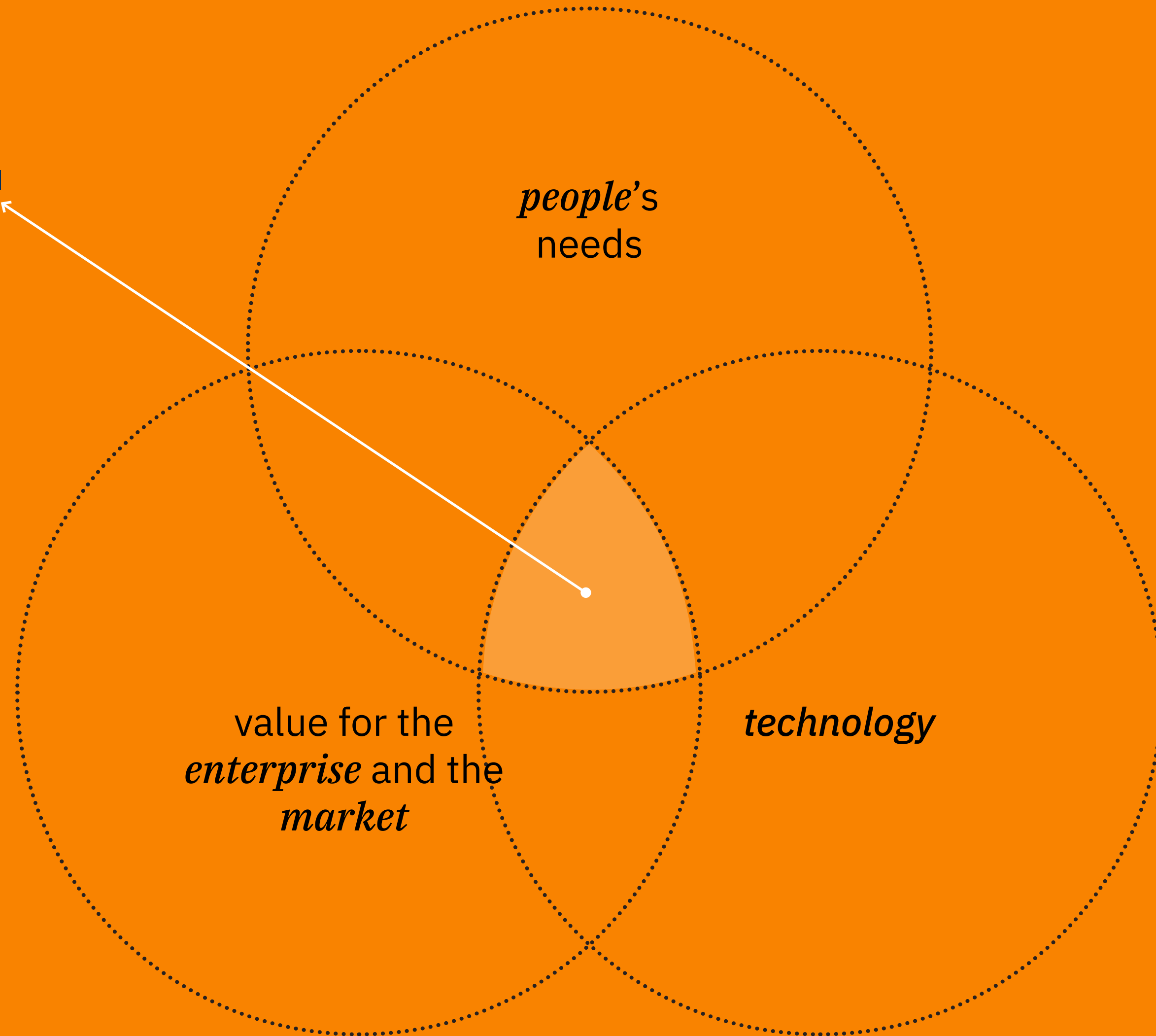
Design Thinking

It is a method aimed at improving problem solving and creativity.

A discipline that makes use of the designers' skills and methods to create products and services, connecting *people's needs to technological feasibility and the best strategic opportunities for the company.*

“Think outside the box” to create added value.

Innovation



/1 Strategic Market

- Analysis of the market and its constant changes
- The exploration of new scenarios
- Analysis of competitors and their portfolio
- Comparative analysis and correct positioning of the new portfolio

- The initial concepts are designed with an eye to production
- Our designers work with the engineering team to develop different concepts

Concept Idea /2

/3 Product Design

Our different skills allow us to develop and provide innovative proposals, both from an aesthetic and functional point of view, with great attention to the choice of materials and technical feasibility.

/4 Engineering 3D CAD

The initial concepts are being perfected with an eye to production. This transition from concept design, to prototype to series production takes place smoothly.

The integration of design, engineering, rapid prototyping, FEM analysis, and simulations on 3D CAD software allows us to optimize costs in the design phase.

Cost /5 Saving

/6 Rapid Prototyping

- Stereolithography
- Sintering
- CNC machining
- 3D printing
- Pattern-making
- Silicone molds
- Replicas in vacuum casting

/7 Testing & Production

- Additive manufacturing
- Carbon and composite materials
- Injection molding
- Polyurethane molding
- Die casting
- Thermoforming
- CNC machining

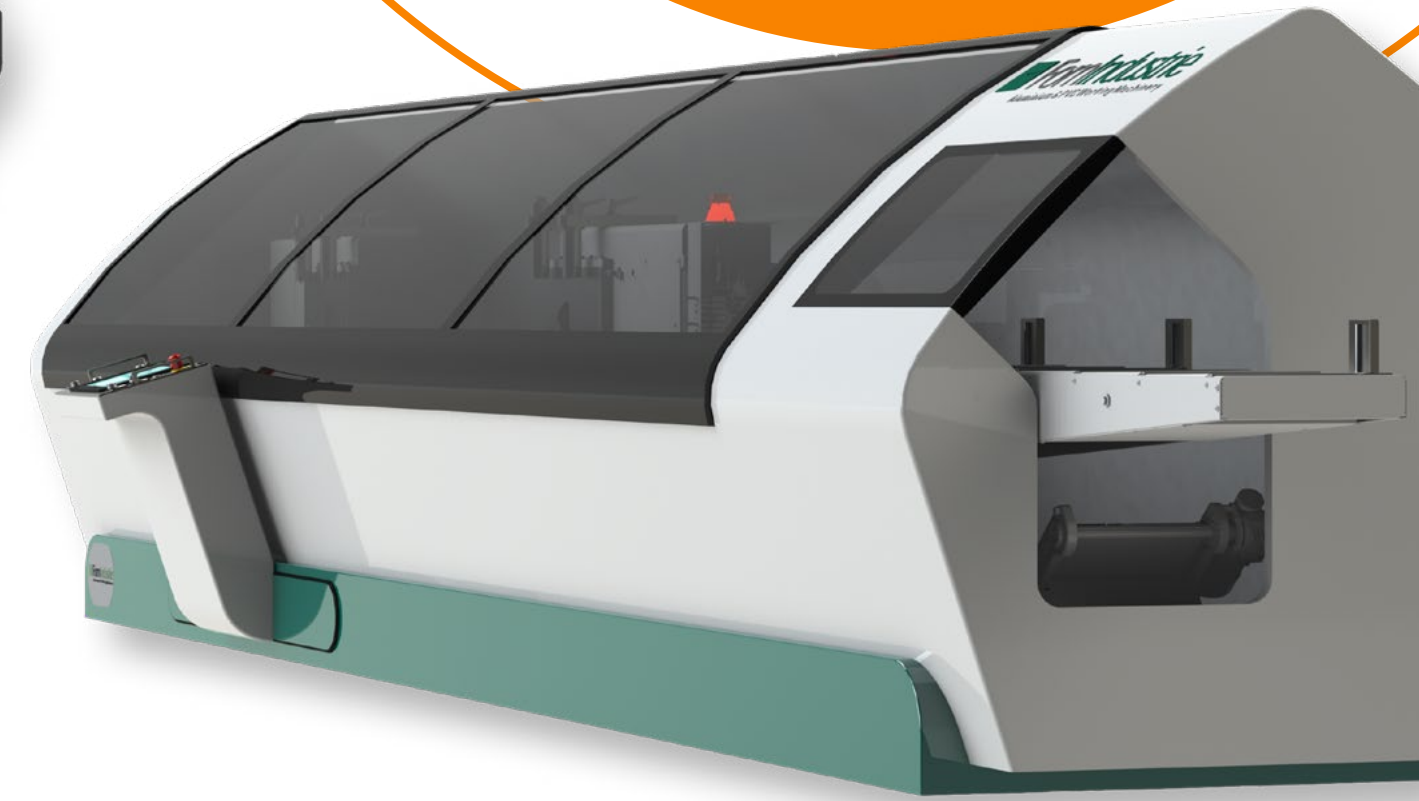
- Research and development for SMEs
- Product characterization for intellectual property protection.
- Quality support within a system “WorldWide Certification”
- Full technical assistance in the proposal for tenders and access to tools for easy finance.

WorldWide /8 Certification

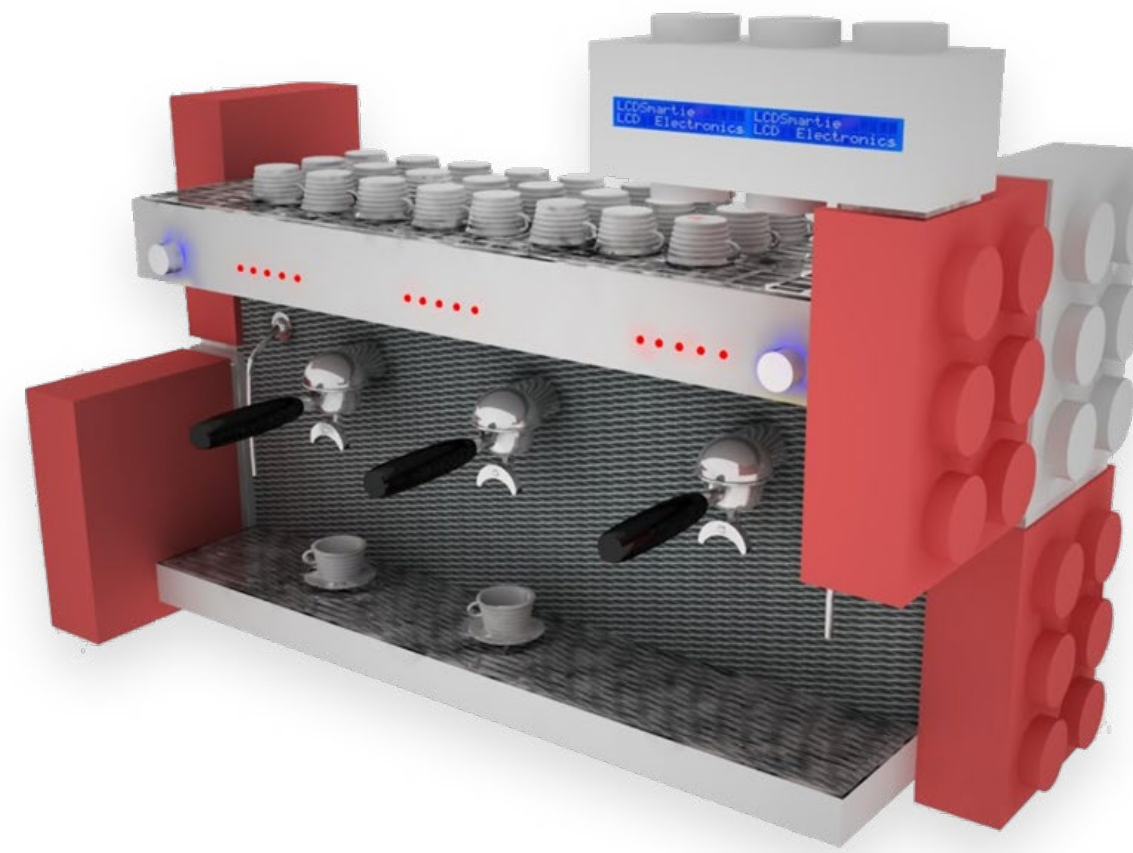
/9 Manufacturing

- Assembly of electrical and electronic, mechanical, and electromechanical devices and equipment
- Wiring
- Product testing, finished product

Industrial and Consumers



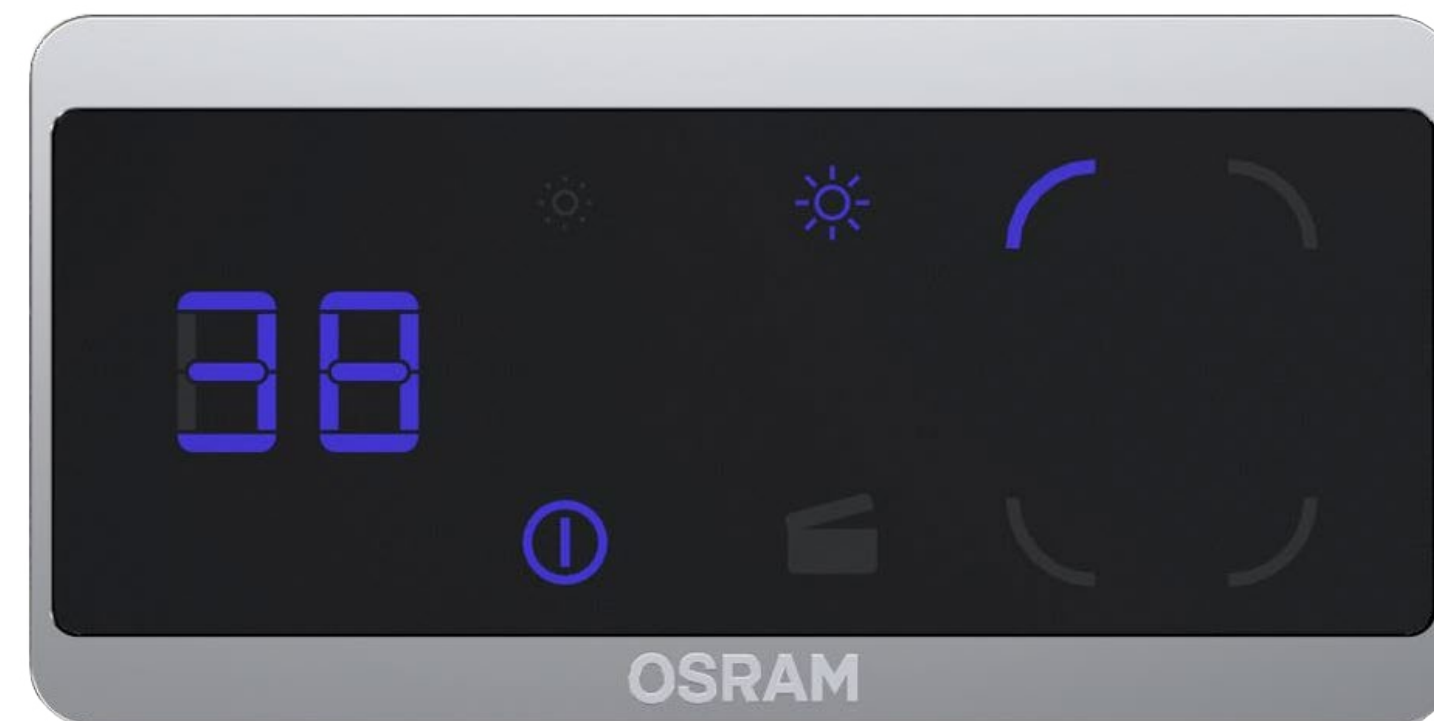
Home Appliances and Medical Devices



Interiors and Lighting



Smart Home and Energy Saving Devices





Years of experience



Projects carried out



*Companies that we
have collaborated with*



*Countries in which
we operate*

Clients



...and many others...



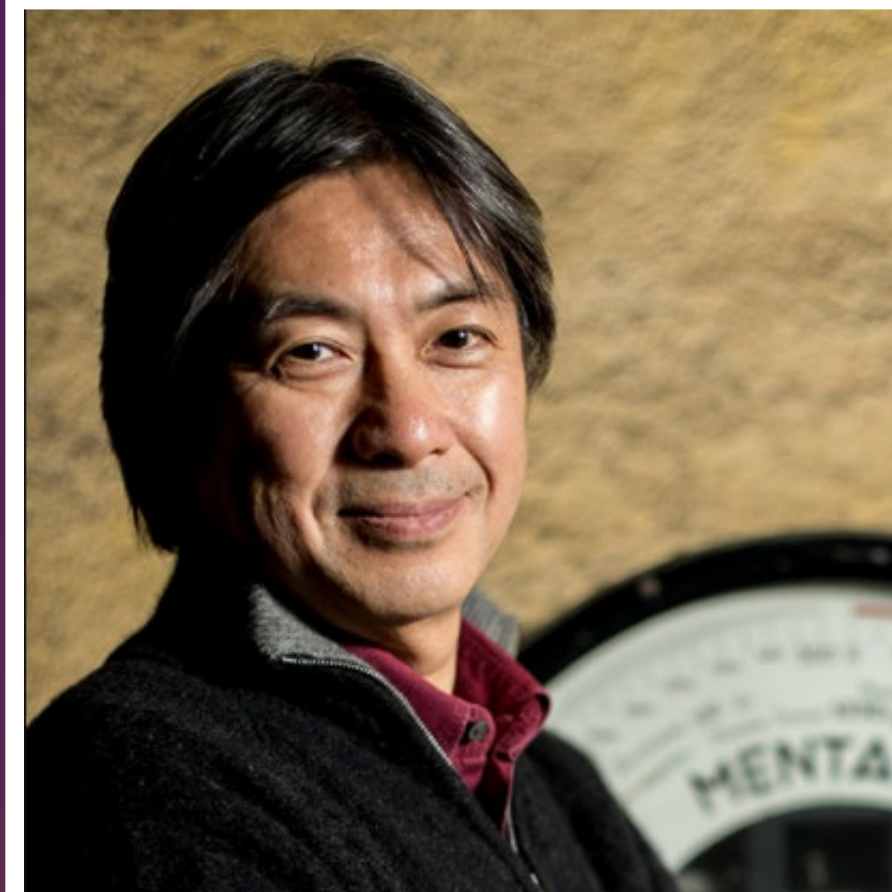
“Great things in business are never done by one person. They’re done by a *team of people.*”
/ *Steve Jobs*



Gabriele Angelucci
Sales & Marketing



Valter Valenti
R&D Manager



Takahide Sano
Industrial Designer



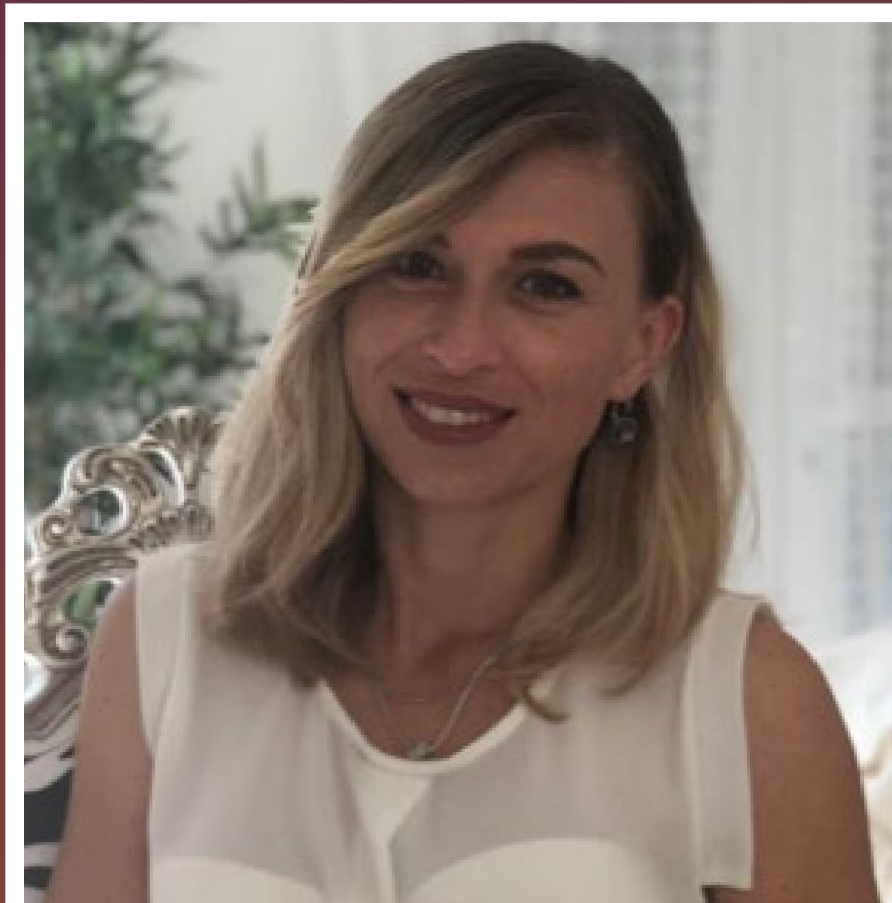
Mattia Nuti
Safety & Quality



Manuel Bernardini
Industrial Designer



Scott Roberts
International
Marketing



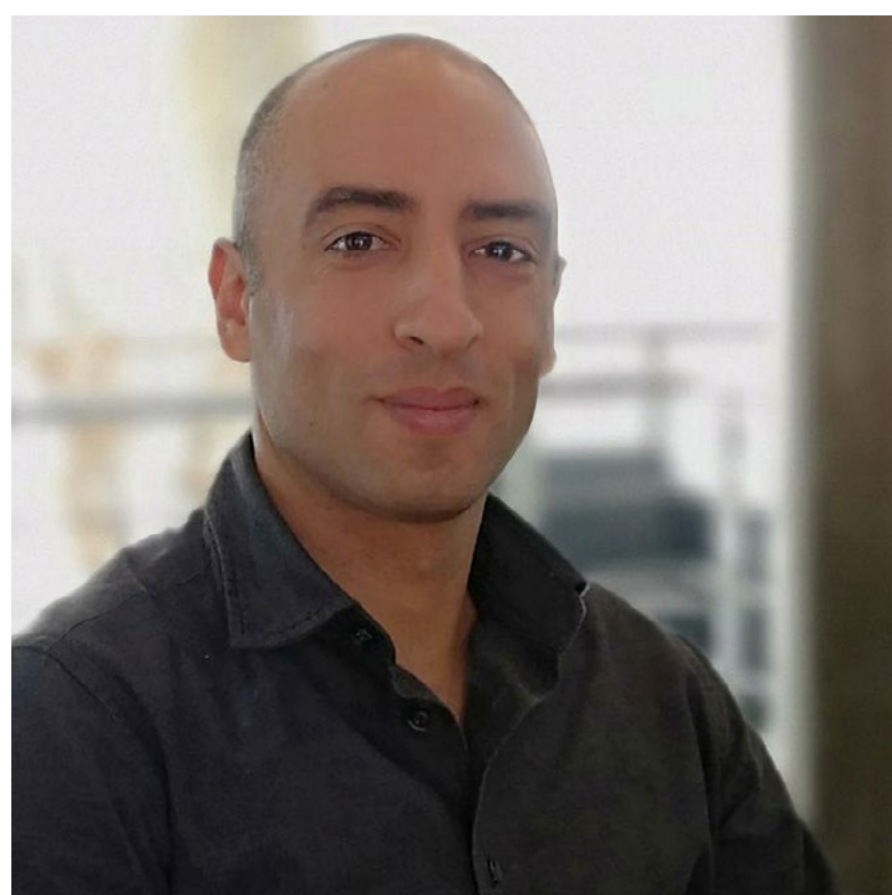
Beatrice Calesini
Account & Finance



Giovanni Fanelli
Mechanical
Engineering



Germano Schiavetti
Mechanical
Engineering



Enrico Secci
Industrial Designer



Stefano Candela
Market Research



Roberta Marzola
Administration &
Office Manager



Domenico Pettinato
Innovation R&D
Manager



Matteo Merli
Prototyping and
Production



Emma Pongetti
Industrial Designer



Matteo Vettori
FEM Specialist

Medical Devices & Equipment

Trade Fair



Partner



MicrolabProgetti



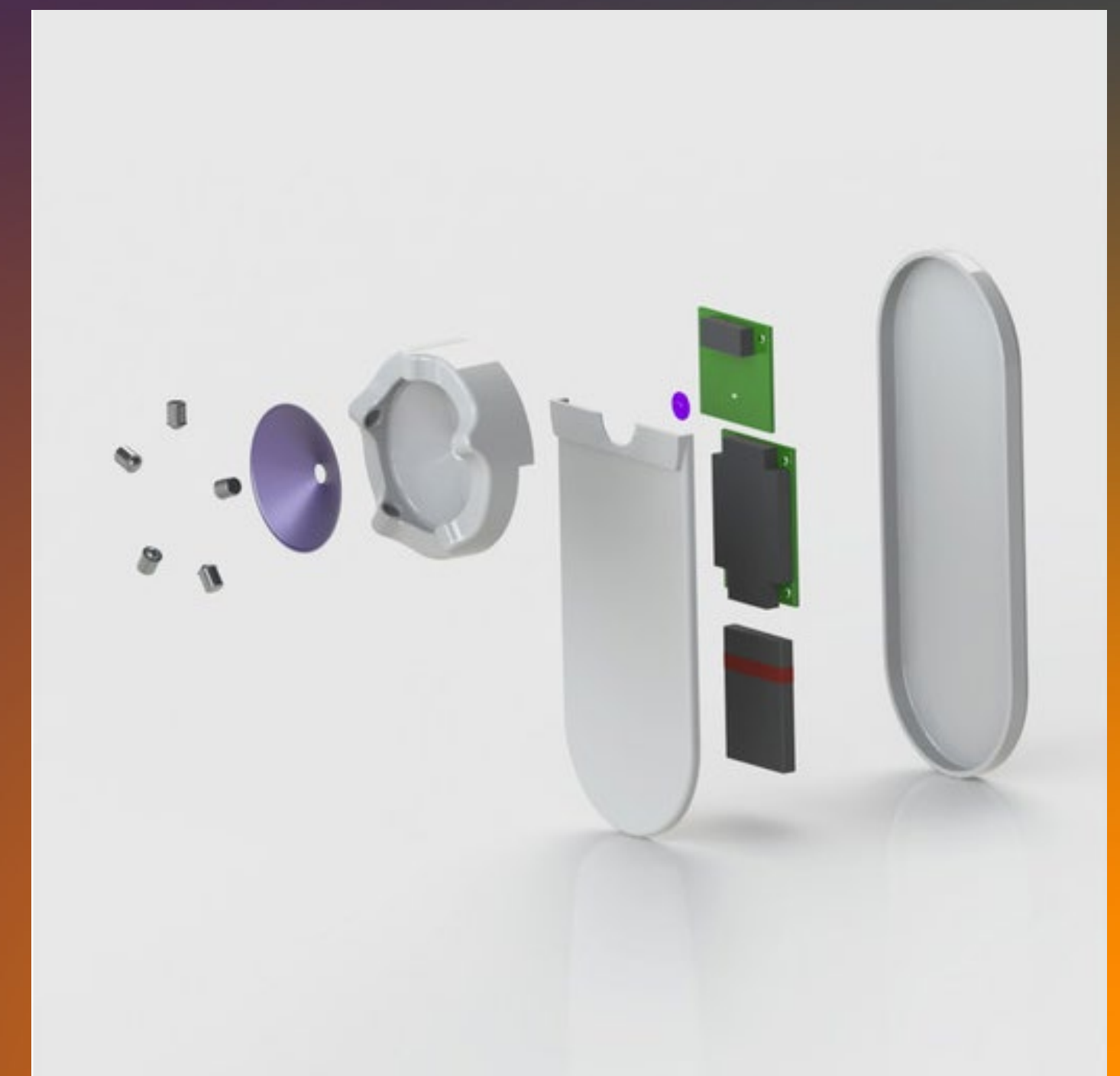
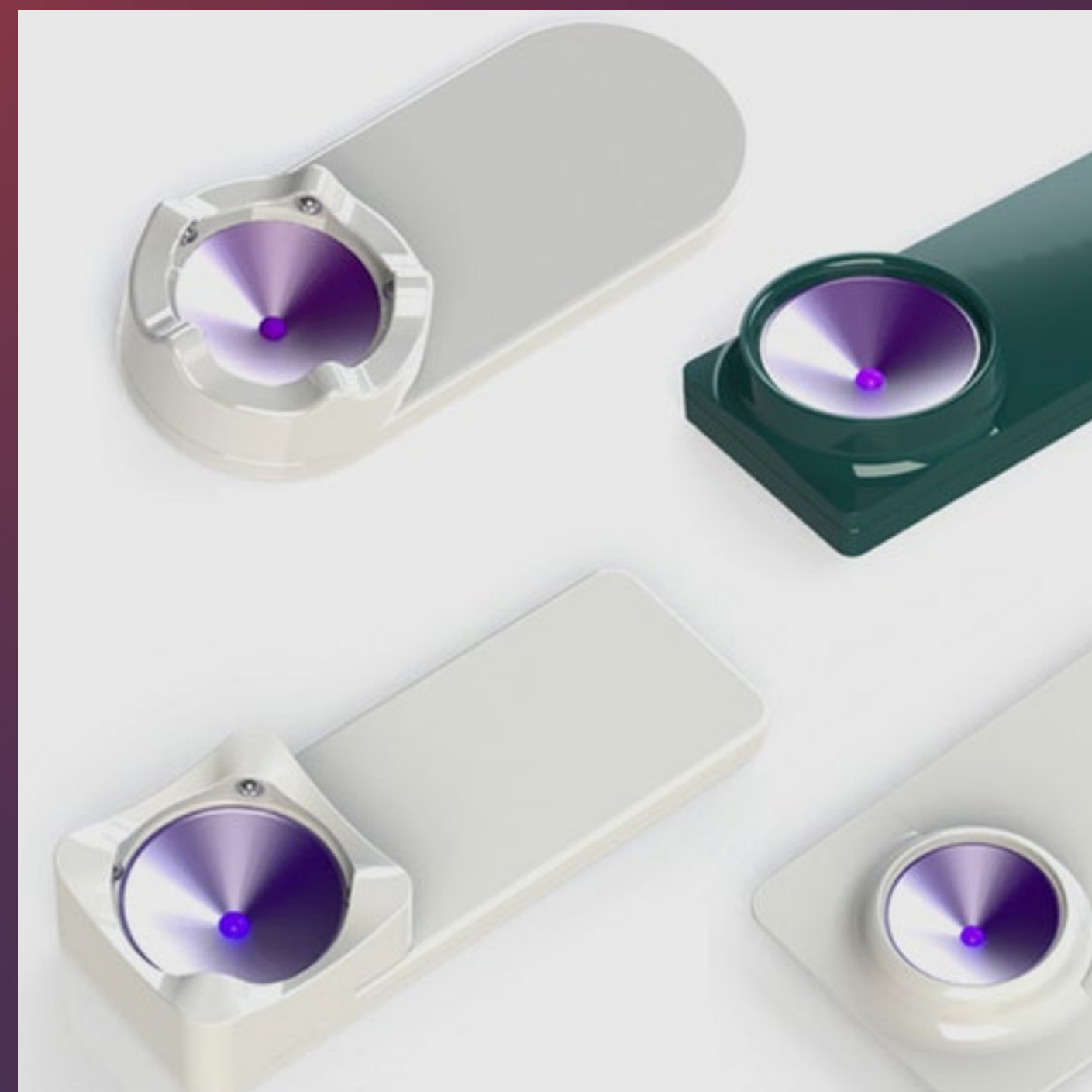
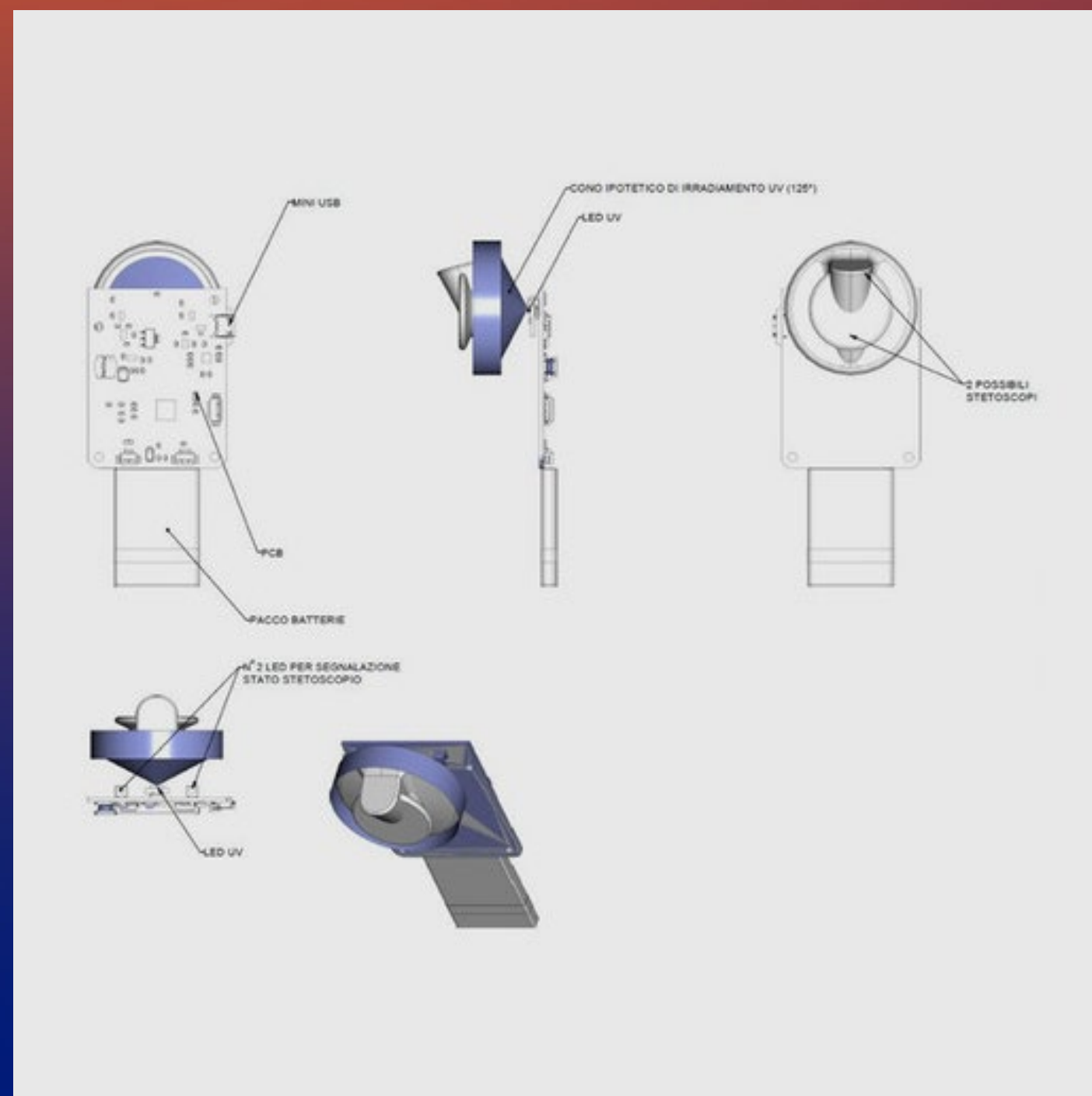


StetClean

The first automatic wearable device for stethoscope disinfection, and specifically designed to ensure safety and deep hygiene to patients thanks to the action of UV LED rays.

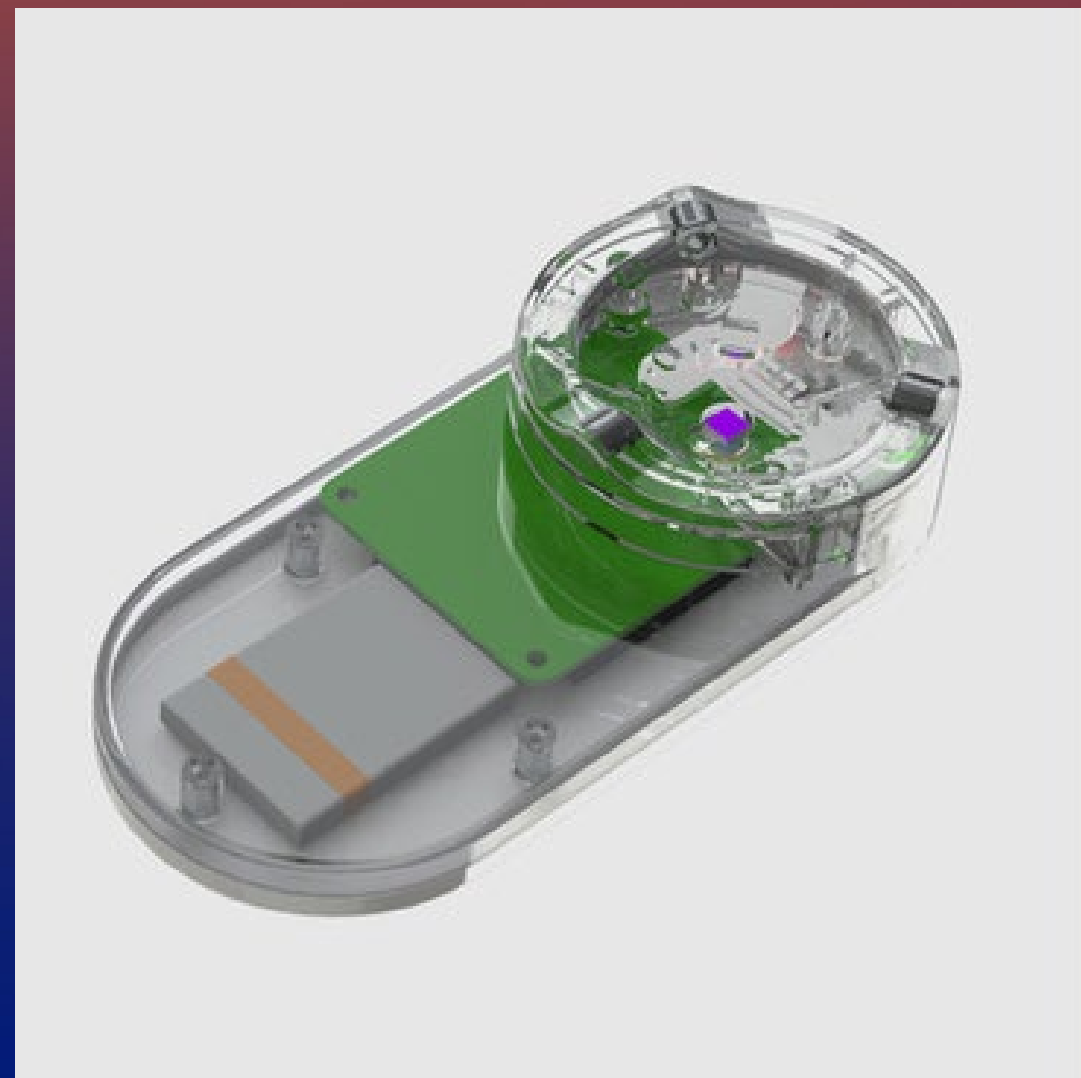
Concept Design

This is the *creative phase*: we analyze innovative forms, alternative materials and technologies, the construction layout, and the best functional conditions.



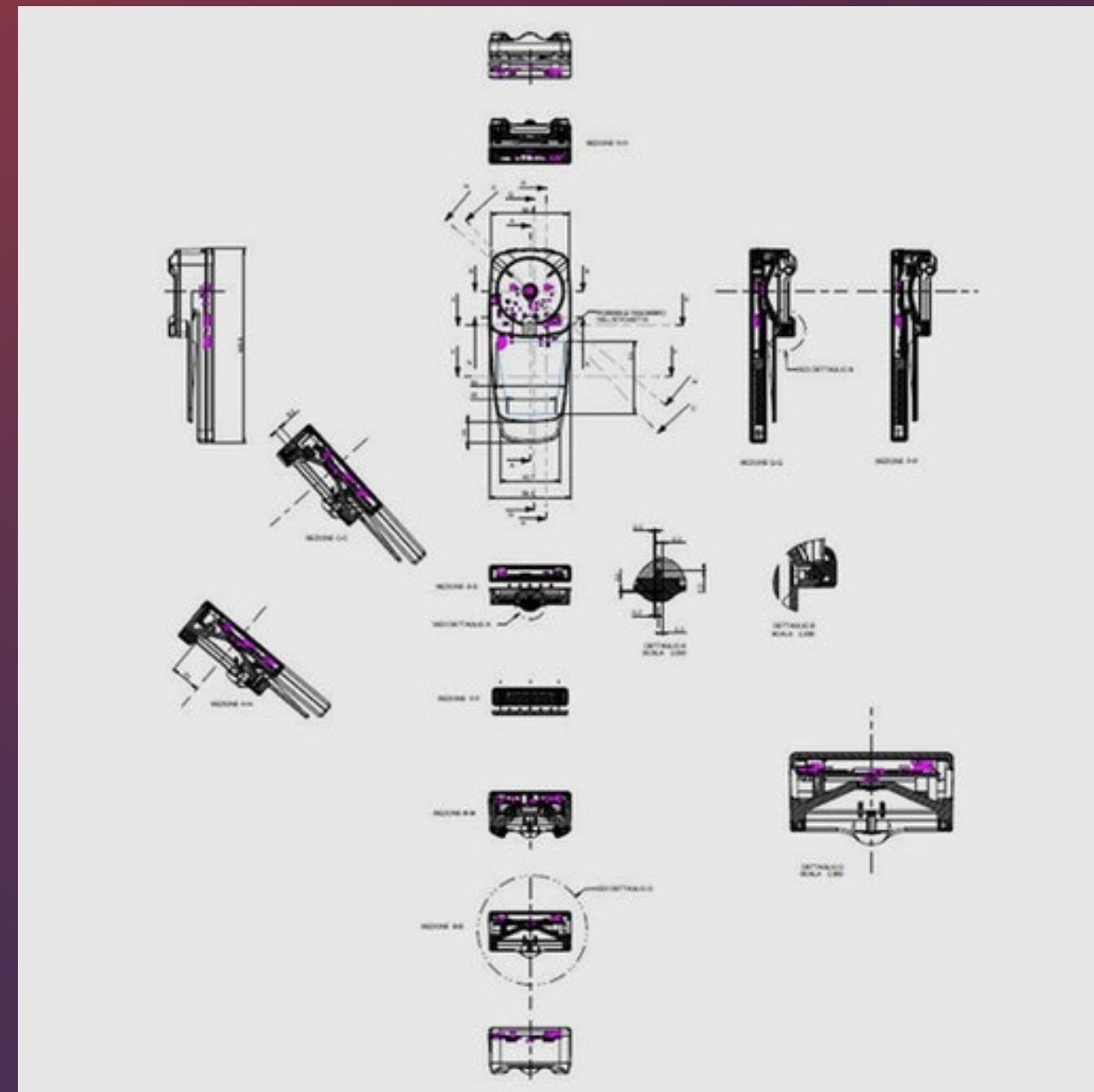
Design Refinement

This phase is aimed at *defining all the construction aesthetic and technical details* without anticipating the 3D engineering phase.



Engineering Prototyping

The previous analyzes become *technical details and 3D models*, which will be tested through *rapid prototyping* forming the basis of future production.



Industrial Machinery

Effer



Effer

Icon 215 and 2255

Study of the new family line for the innovative Effer cranes. Product development strategy aimed at defining the guidelines of the next range.

Market analysis

The “**AV Methodology**” develops through 4 main analysis areas:

- /1** Strategy, benchmarking, branding
- /2** Usability research
- /3** Feasibility, concept, styling
- /4** Material, technology, costs



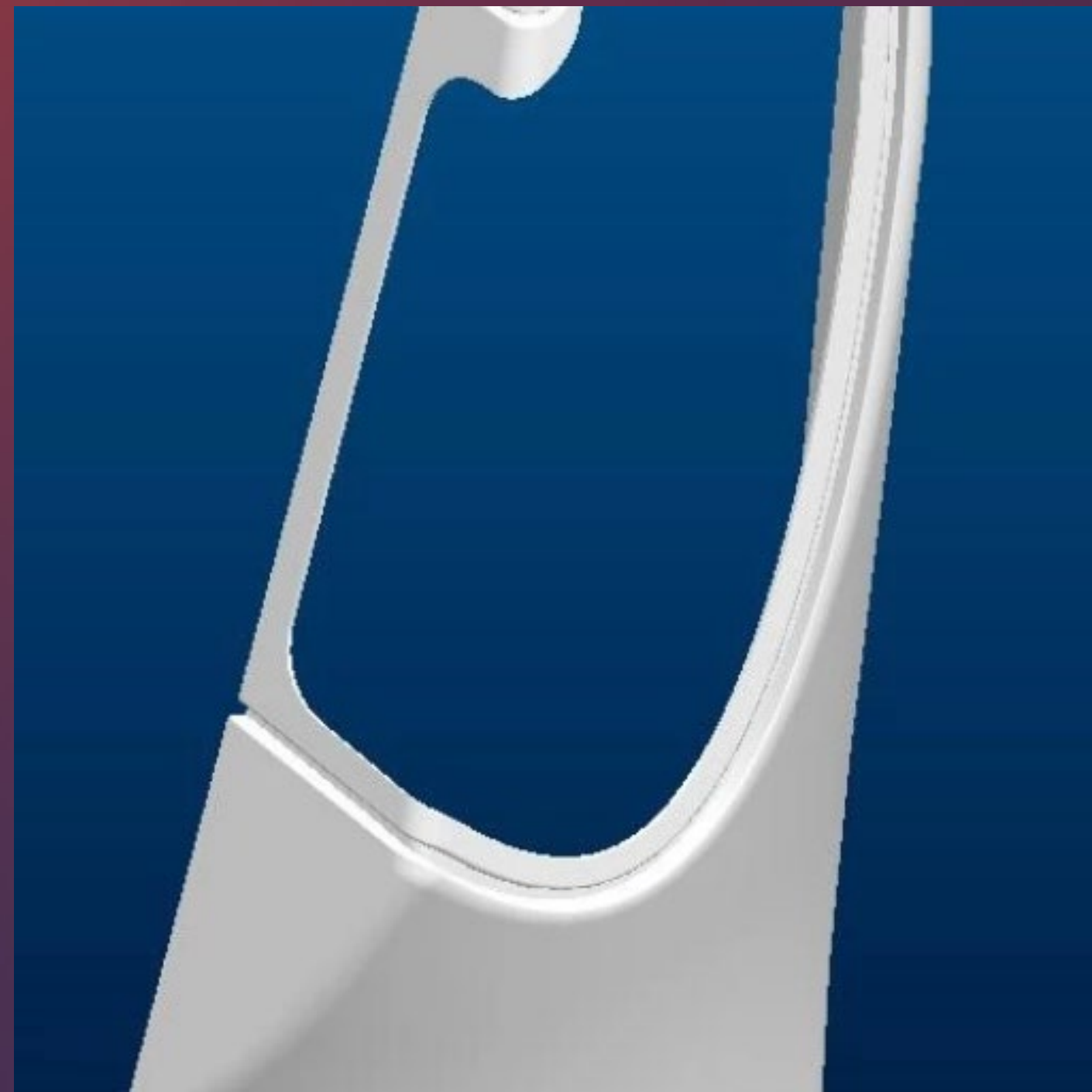
Concept Design

This is the *creative phase*: we analyze innovative forms, alternative materials and technologies, the construction layout, and the best functional conditions.



Design for Manufacturing

- Choice of materials and technologies
- Component detailed design
- Cost analysis
- Rapid prototyping
- Tools for thermoforming molding



Measuring devices

Metrios



Metrios

Metrios brings optical measurement to the workshop. Development of product design aimed at communicating important technological innovations in the field of optical measurement.

UX Design

This phase allows us to deeply analyze the machine *usability and ergonomic*: from switching on the device to other settings to the operations performed by the end-user.

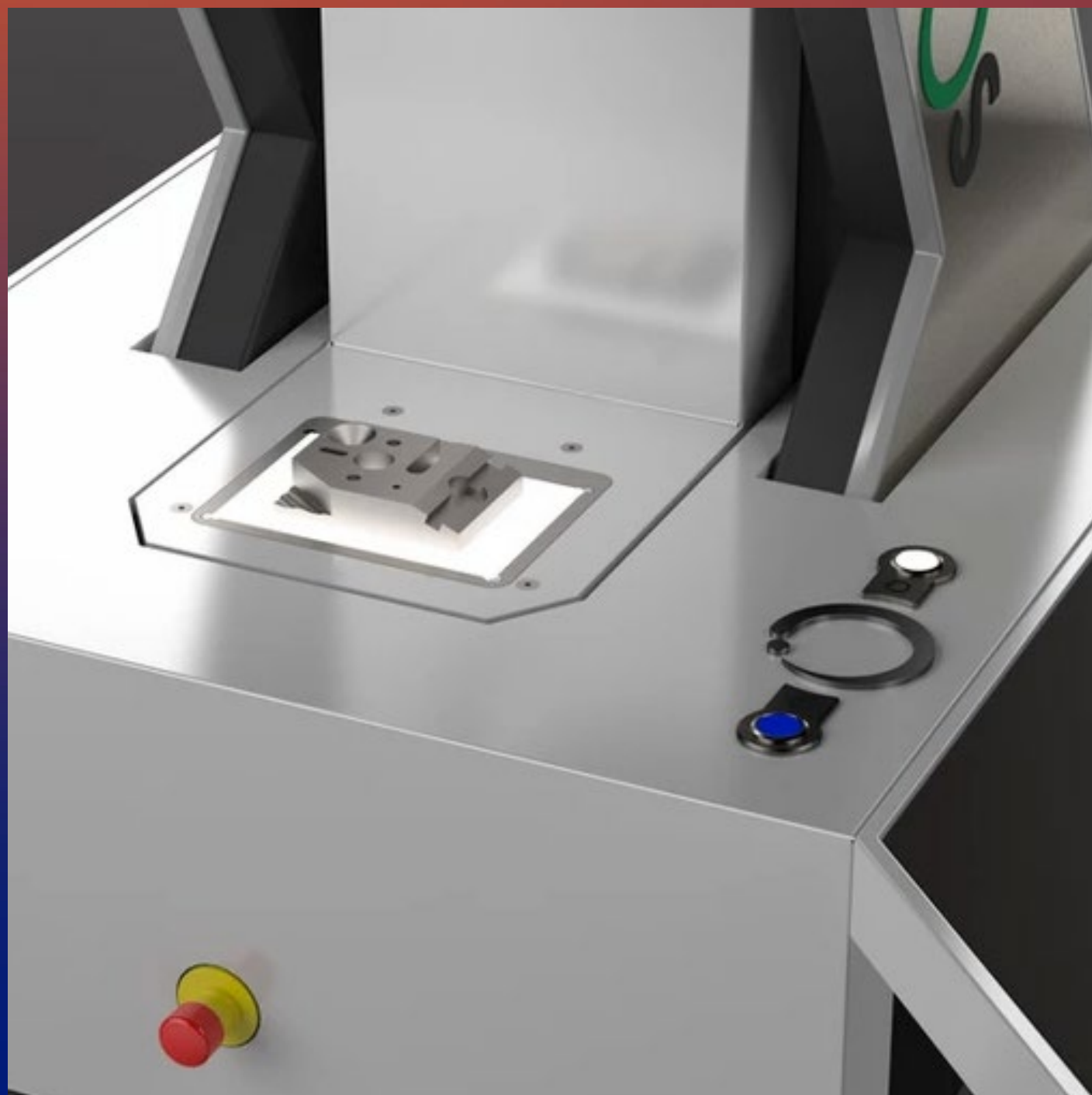
Automatic measurement.



Place your item, press start and get the measurements.

Product Design

All aesthetic details are defined in the smallest detail, and the machine takes shape with the *choice of materials* for each structural and aesthetic part. *Finishes, colors, and construction details are studied on 3D CAD and analyzed for feasibility.*



Contacts

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