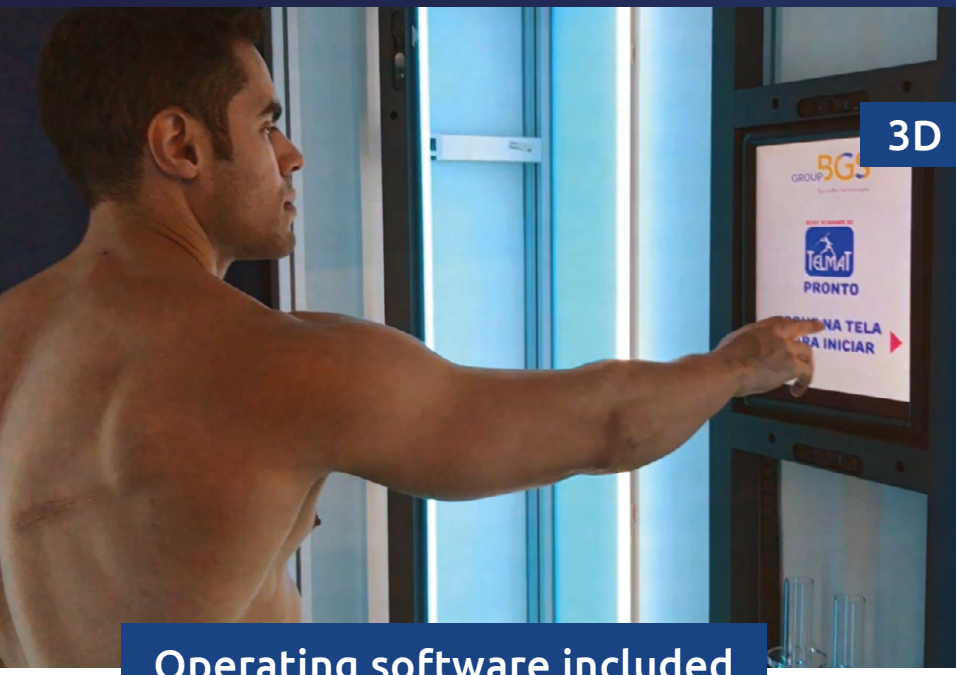
Patented technology

SYMCAD

3D body scanner by Telmat



ULTRA-FAST 3D BODY SCANNING BOOTH

Scan time below 1.5sec.

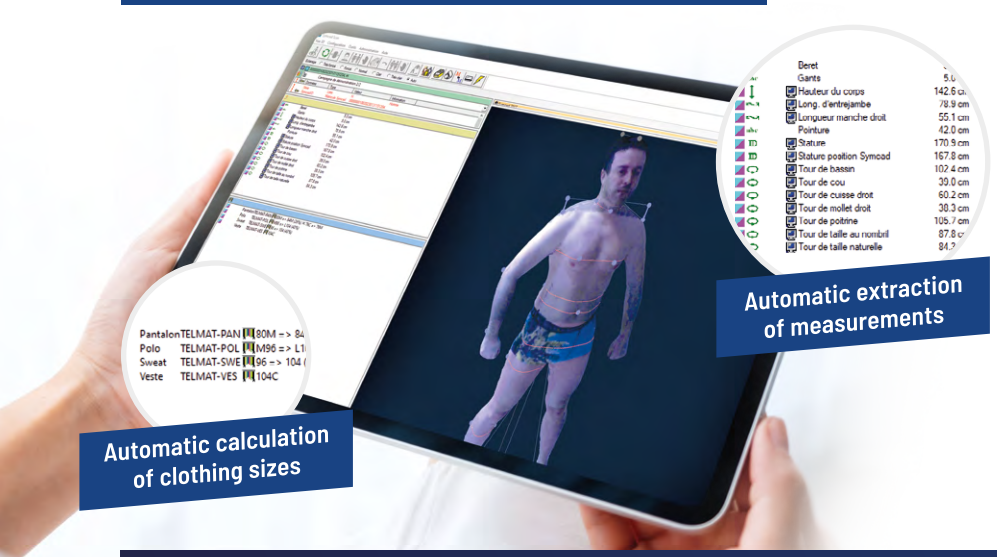
Self-supporting aluminum structure, easily dismantled and transported.

Autonomous operation, with or without an operator, with or without a network connection.

SYMCAD™ III -R

New technology based on autonomous depth sensors.

Operating software included



Strong points

- Contactless solution to favor hygiene and respect barrier gestures.
- Intimacy respected: The closed space allows to measure in underwear and the on-screen avatar can be displayed without allowing visual identification.
- Comform to the General Data Protection Regulation GDPR.
- Identification of the person to measure using a simple QR code at the entrance.
- Export of the measurements (XLS, ORD, XML formats) and the 3D avatar (WRL, VRML, OBJ, PLY, STL formats).
- Compatible with the pattern making and cutting software on the market (Gerber, Lectra, CLO3D, etc...).
- Measurement extraction method dedicated to clothing elaborated and validated by an expert tailor from the army.

MANUFACTURING AND ISSUING OF UNIFORMS
FROM THE REAL MEASUREMENTS OF THE PERSONS TO BE DRESSED

Practical exemple

The French Navy

Clothing delivred:
Over 7000 clothing items

Measurement pace:
50 to 60 person per hour

Savings:
Over 25 Million euros

Manufacturing:
Creation of size charts specifically tuned for the target group

MARINE NATIONALE

The main benefits

Time savings

- Reliability and repetitivity of the measurements
- Efficiency and speed of clothing distribution

Integrated clothing stock management

- Management and traceability of personal protective equipment (PPE)
- Management and planning of supply

Considerable savings on clothing inventory

- Accurate knowledge of the morphology of the staff
- Optimisation of size ranges and stocks
- Updating of stocks according to changes in clothing and agents

GDPR Compatible

A 3D body scanner that is both powerful and easy-to-use

- Automatic calibration
- Ultra-fast 3D scan for a better precision of the system
- Automatic extraction of measurements
- Calculation of the endowment based the status of the agent
- Automatic calculation of clothing sizes
- Statistics on the morphology of the scanned population
- Estimates of the distribution of sizes in the stock
- 3D Measurement without contact: comfort for the subject being measured and hygiene for the tailor
- Transportable, easy to use and deploy

References

- France
- Spain
- Germany
- Belgium
- Finland
- Greece
- Italy
- Romania
- India
- Turkey
- South Africa
- Algeria
- China
- Korea
- Russia
- New Zealand
- ...

Contact us for a custom study of your project

Detailed specifications of the SYMCAD™ III

Technology based on depth sensors	✓
Number of sensors	20
3D scan duration	≤ 1.5 sec.
Automatic calibration	✓
High resolution 3D sensors	25 pts / cm²
Easily dismantled modular structure	✓
Floor space	3,3 m²
Angle of 3D coverage	360°
Accuracy measured on a reference cylinder	± 0,15%
Automatic extraction of body measurements based on the ISO-8559 standard	✓
Interactive control over the extraction of measurements	✓
Automatic calculation of clothing sizes	✓
IR NR™ technology Electronic and optical infrared noise reduction technology patented by TELMAT	✓
Transportable version available	✓
Scans the feet	✓



MADE IN FRANCE

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