



KORUX 2.0

BODYS scanner 3D PORTABLE



FIRST 3D PORTABLE BODYS scanner



3D PORTABLE BODYSCANNER KORUX® 2.0

KORUX® 2.0 revolutionizes 3D Body applications.

Medicine, ergonomic professionals but also Mannequins Manufacturers, 3D Movies Operators, Designers, Professional of the customized garment and the fashion have now a simple, compact, economic, functional and modular tool in order to digitize persons.



KORUX® 2.0 puts in the hands of everyone the latest 3D Technology Innovations.

With numerous functionalities specially developed in our laboratories as an answer to the most demanding professionals, Korux 1.0 becomes the indispensable tool for all those who are involved in 3D Body Applications.



KORUX® 2.0 : a device thought in all details.

Thanks to its technical and mechanical qualities, Korux 2.0 can be installed in less than 10 mn. Scanning Process is done in 4 seconds!

It generates 3D files on which it is easy to extract measurements. It is also possible to import files in reverse engineering, CAD, 3D softwares, ...



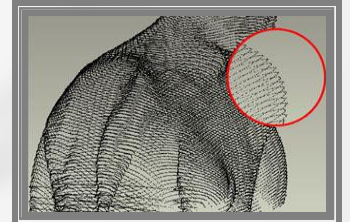
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Korux 2.0 restores accuracy and real size of scanned people.

The quality of digitization is so good, that it is not necessary to bring manual changes and improvements to files.

Precision : 4 mm



Korux 2.0 integrates last generation algorithms.

Korux 2.0 it is installed in 5 to 10 mn (including pattern calibration).

4 seconds more are enough to digitize persons (from 80 cm to 200 cm height)!



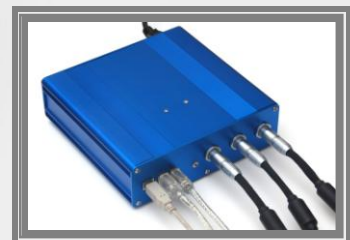
Korux 2.0 has been built up in order to be mounted and uninstalled thousands of times. All of components have been tested in our laboratories.

The calibration system was especially designed to allow the use of the scanner in many lighting conditions and environment. It has been patented several times.



Korux 2.0 runs under XP et VISTA. It is connected to PCs and Laptops equipped with USB and firewire 400 plugs.

Korux 2.0 generates TXT, VRML ... files. Therefore, generated files can be imported in most of Measurement Extraction, Reverse Engineering, CAD, ... Softwares.



Korux 2.0 is the result of many years of research and development.





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TECHNICAL FEATURES

ARCHITECTURE

Measurement System	Variable field 3D scanner patented buy 3D Ouest France
Laser source	Lasers Class 1M : 650 nm (2) - 635 nm (2)- 532 nm (2)
Camera	3 Cameras 640 x 480 FireWire IEEE 1394 – subpixel laser detection
Pattern calibration	2D Target Calibration
Transport Suit case	Dimension : 84 cm x 57 cm x 34 cm

SOFTWARE

Calibration Software	3D Ouest Calibration Software – version K2.0
Measurement Extraction Soft	Any software from the market or Metrux 1.0. Edited by 3D Ouest as a semi automatic solution with very height accuracy – 3D Ouest recommends too TC2 Measurement Extraction Software V7.2
User Interface	Acquisition parameter settings
File Formats	Points Cloud, STL, VRML, ...

PERFORMANCES

Size	Maximum size : 210 cm
Acquisition speed	4 seconds
Resolution	2-3 mm
Assembly Time	5 to 10 minutes

GENERAL FEATURES

System Requirements	Dual Core Processor 2 GHz - 2GB RAM – 256 MB Graphic Card – Windows XP/VISTA/SEVEN
Connectique	USB 2.0 – FireWire IEEE 1394 – Cable supplied
Power Supply	220 Volts – Power supply cable supplied
Support	3 legs
Warranty	1 year – warranty extension (option)

OPTIONS

Laptop
Maintenance and extension warranty including software upgrades



Safety instruction: to ensure proper and safe use of the machine be sure to carefully read the « instruction manual » before operating unit

3D OUEST holds the right to change specifications without prior notice

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