

PRESS RELEASE



Warsaw , 6 June 2016

SMARTTECH, a leading global manufacturer of professional grade 3D scanning solutions, announced today the launch of the new scan3DMED series dedicated to digitize living organisms.

Due to growing interest from health and security sectors SMARTTECH decided to upgrade scan3D line up, improving it's 3D scanning speed and the quality of received color of scanned surface. From now researchers and doctors can use dedicated measurement equipment designed to digitize complex shapes of human body.

The SMARTTECH 3D scanning technology has been used since year 2000 in different industries. Among others - in medicine - where it was used in European projects of complex analysis of sportsman legs as well as in inspecting spine deviations of children between 7-12 years old, proving it's safety and reliability. Due to its advantages it can help in simulating plastic surgeries, measure the deviations before during and after the treatment, as well as accurate monitoring the healing process of complex scars and wounds.

This technology can be also used in security and police departments in order to create 3D pictures of suspects, criminals or victims.

This innovative technology used on everyday basis in industry is still very new for the medicine. Non-industrial specialists require user friendly device giving reliable and accurate results. There's no time for long preparation of 3D scanner before taking measurement of the patient. SMARTTECH technology allows both fast measurement and plug & scan process meaning that scanner is ready to work after taking it out from the case. This is possible due to manufacturer permanent calibration that assures metrologically referential results.

Ability to digitize human with high level of details is also significant help for the CG artists in creating video games and animation. Instead of long hours of virtual modeling in graphics programs, they can just concentrate on animation of scanned model with lifelike texture. Creating digital model of human using scan3Dmed is limited to few minutes.

New scan3Dmed product line is equipped with specialized image capture system that shortening 3D scanning time to 0,7 second what is extremely important while scanning a living organism. Dedicated optics with adjusted white balance and contrast allows to receive the appropriate color of measured surfaces therefore the analysis of skin defects is easier than ever before.

Sensitive interior was fixed to temperature resistant carbon supportive structure and closed in esthetic white solid housing.

With every 3D scanner from medical product line, SMARTTECH provides specialized multi-functional software with very intuitive interface – SMARTTECH3Dmeasure.

Scan3Dmed scanning head can be integrated with another 3D scanning units from this Product Line enabling automated measurement of person from different directions. When using multihead system the 3D scans of object are aligned instantly.

Integrated system of 3 scan3Dmed that allows to capture whole patient head will have its official premiere on 3D Solutions fairs in Poznan that will take place on 7-10 of June 2016 in Poznan ITM Exhibition.

About

SMARTTECH

SMARTTECH is a leading global provider of professional grade 3D scanning solutions for the rapid digitizing of customized products utilizing its proprietary consumables across a variety of markets. Established as a spin of company on Warsaw University of Technology under the leadership of Prof Malgorzata Kujawinska in 2000, SMARTTECH have been constantly developing its 3D scanning technologies based on structured LED light.

More at www.smarttech3d.com

About ITM Poznan Fairs - 3D solutions days.

Dedicated to professionals and enthusiasts, the 3D SOLUTIONS will provide all the participants with access to novel solutions, the most modern devices and related knowledge. All visitors will have a chance to see 3D printers, print-outs, 3D scanners, consult experts, exchange and explore the technology 'live'. The 3D SOLUTIONS is thus a perfect venue for anyone who might be interested in finding out about the spatial printing industry, developing oneself and one's own company.

Read More at:

<http://www.mtp.pl/en/>

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