



Division of SRS

## HIGH RESOLUTION SCANNER 3D



## APPLICATIONS



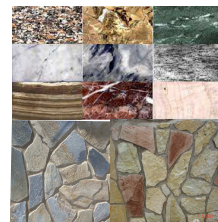
**Wall paper**



**Floor tiles**



**Textile**



**Stones and  
marble**



**Wood**



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**ARDWARE**

**Scanner Features**

**optics:**

- Source solid-state lasers, red or green SMW
- Acquisition of high-speed scan
- Selectable Resolution:500/1000 dpi Max resolution If .. 1m
- Giga Ethernet or Camera Link data link
- Fine adjustment of the laser and position sensor

**Mechanics:**

- 2 motorized axes (X, Y) Z axis motorized (optional)
- H (Table): H 800 mm (max): 1500 mm

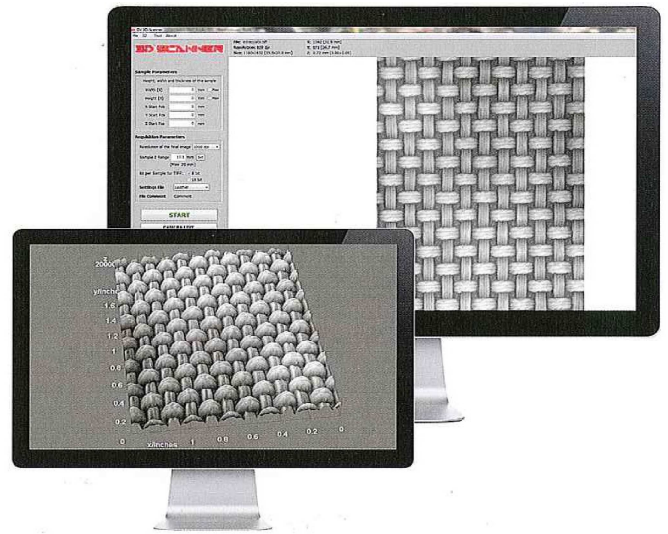
**SOFTWARE**

**Software features:**

- Sensor acquisition parameters Control
- Scan parameters Controls
- Extraction of the profile at high speed
- Flatbed scanner and rolling support
- 3-axis motion Control (X, Y, Z)
- Control laser source
- Parameter settings such as the resolution Selectable
- Total or partial acquisition sample
- 2D gray scale images reconstruction , 8 and 16bit
- Preview of acquired 3D Image with fast zoom

**FUNCTION:**

- 3D reconstruction Immagine
- filtering Immagine
- Assembling advanced image and interleaving for high acquisition of resolution
- Export data to TIFF or cloud point file measuring instrument
- Metric calibration



**3D SCANNER 1000X1000 – LMSC0163**

- Dimensions : L 1560mm W 1520mm H 800/1500mm
- Scan area : 1000x1000 mm
- Resolution : X = 10 micron Y = 10 micron Z = 1micron

**3D SCANNER 1000X2000 – LMSC0164**

- Dimensions : L 2560mm W 1520mm H 800/1500mm
- Scan area : 2000mmx1000mm
- Resolution : Resolution : X = 10 micron Y = 10 micron Z = 1micron

*EXAMPLES OF 3D ACQUISITION*

