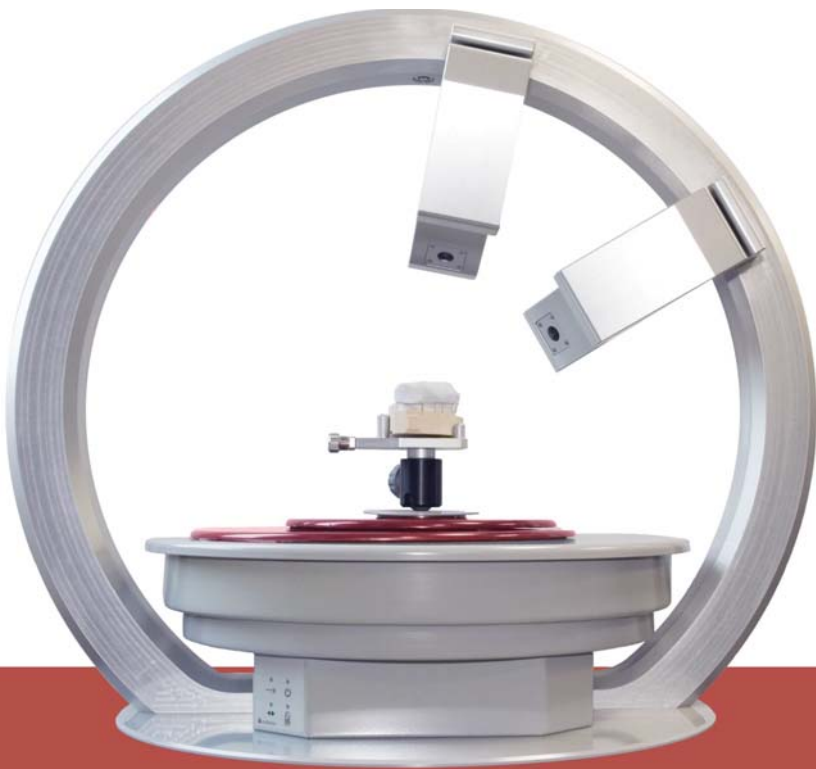


i3 Evolution

The Most Productive Desktop Dental Scanner Ever!



The **i3 Evolution** is an open 3D dental scanner based on proven technologies of laser triangulation and precise linear motion systems. Visibility of all areas of dental elements is ensured through a 3-axis motion system combined with 2 vision modules each possessing a different perspective. The higher vision module allows for excellent visibility of negatives such as inlays and onlays while the lower module allows for optimal vision of the margin line.

Highlights of the **i3 Evolution** scanners:

- Robust monolithic frame construction.
- Superior productivity - scan and process a single die in under 17 seconds
- Ergonomic & user-friendly with an open-frame design and removable model holder
- High and consistent levels of accuracy of 20µm
- Real scanning versatility - scans single dies, multi-element bridges, stumps, bites/antagonists and complete arches
- Single die batch-scanning included
- High mechanical stability - no daily calibration is needed
- Scans all gypsum colors - laser and camera parameters are automatically adjusted to the scanned material
- Small desktop footprint
- Impervious to ambient light
- Laptop compatible
- Open STL output

Specifications:

- Weight: 27kg
- Footprint width: 20 inches
- Height: 27 inches
- Camera / lasers: 2 CMOS cameras / 3 class II lasers
- Motion: 3-axis, industrial grade
- Operation Voltage: 110V – 220V
- Scannable volume: 100mm x 100mm x 50mm
- Number of points generated: up to 250 000 for single die
- Number of triangles generated: 100 000 to 500 00, configurable
- Accuracy +/- 1σ: 20 µm
- Interface: USB2.0 + Firewire A
- Runs on a standard Windows based PC



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