HELSINKI, Finland: According to Planmeca, one of the largest dental equipment manufacturers, with products distributed in over 120 countries worldwide, its new Emerald intra-oral scanner has set the bar for capturing digital impressions and “represents the highest level of scanning available in the world today”. Planmeca Emerald has been designed with effective usability in mind and provides accuracy and speed in all situations, the Finnish company said.

Planmeca Emerald is a lightweight, ergonomically designed intra-oral scanner that delivers images with accuracy and detail. Planmeca Emerald’s seamless, autoclavable and exchangeable tips make infection control measures simple and efficient. The scanner’s two buttons allow it to be operated without touching a mouse or keyboard, and it can even be controlled from a foot pedal when connected to a dental unit. The scanner’s plug-and-play capability allows it to be effortlessly shared between different rooms and laptops. Owing to its small size and light weight, the scanner provides superior control and is comfortable for patients, the company said.

According to Planmeca, the scanner has the flexibility to support various workflows. It can be used for a wide range of treatment options and offers benefits across several disciplines, such as implantology, orthodontics, prosthodontics and maxillofacial surgery. With open export and import options, regular updates and constant new features becoming available, the company continues to evolve and improve the scanner further. By using a multicolour laser-based system, Planmeca Emerald produces images with a vibrant colour palette for realistic digital impressions that allow dentists to distinguish between hard and soft tissue.

The Planmeca Emerald scanner is part of the Planmeca FIT chairside CAD/CAM system that integrates the entire chairside restorative workflow.