

History of Digital Impressions in Dentistry 1980s: The Beginning – In 1984, the CEREC system (Chairside Economical Restoration of Esthetic Ceramics) was introduced by Dr. Werner Mormann and Dr. Marco Brandestini. 2020s–Present: AI & Full Integration – Digital impressions are now integrated with AI-powered CAD software, augmented reality tools, and 3D printing technologies. – This innovation marked the advent of digital impression technology, utilizing an intraoral camera and computer software to design and mill restorations directly at the chairside. – Digital impressions gained popularity in implant dentistry, orthodontics (such as Invisalign), and prosthodontics. 2000s: Commercial Growth – Well-known companies like 3Shape, iTero, Sirona, and Planmeca launched more advanced and dependable intraoral scanners. – Dental practices began incorporating digital workflows with laboratory processes.