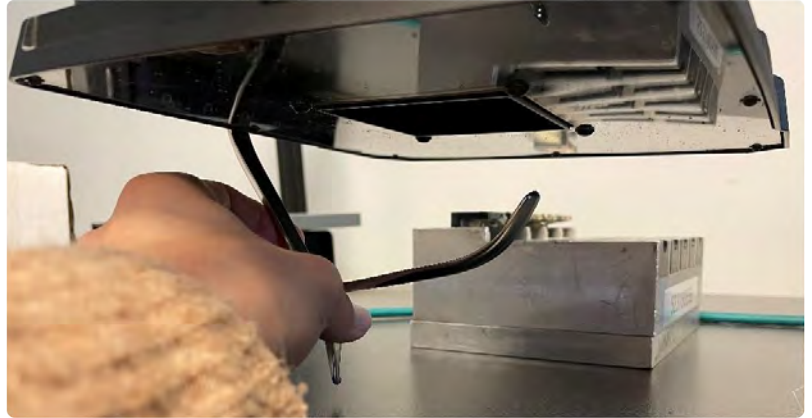


Verification for Medical Devices

Challenge: Verify barcodes marked directly onto metal, medical devices.

Solution: Verification kit including Cognex DMV-475VS-DPM, external lighting, fixture, and cabling.

Story: As traceability becomes more and more prevalent in the medical industry, a dental device manufacturer is constantly looking to improve their ability to track each of their products throughout its lifetime. This is achieved by directly marking a barcode on each device. These barcodes are minimal in size and often marked on a curved surface due to the nature of the product. This can make barcode verification very difficult. The dental manufacturer had a long-time relationship with EMP. When a new direct part mark (DPM) verifier was released by Cognex, the EMP account manager knew it was exactly the product they needed.



Initial testing was completed at EMP's facilities. The DPM verifier performed very well on the dental products, but a fixture was needed in order to present the product at a consistent angle. The customer used their 3D printing capabilities to design a fixture for each of their products. This ensured that each product was presented to the verifier at the correct angle. Once the fixture was set, the customer decided to order one system for their facility. EMP created a kit containing the Cognex verifier, light, stand, and cabling.

The system has worked so well for the customer that they have recently purchased two more verification kits from EMP. Ensuring that each barcode can be quickly read/verified has saved the customer significant time and money.

If you are looking to improve your verification process, contact the experts at EMP today!