AccuID SMT component reel barcode decoding system 19th August 2020 Accu-Assembly / USA

Accu-Assembly has introduced the AccuID. The new bench top system has been designed to easily produce a Reel ID barcode label for each SMT component reel than having an operator scan one label at a time using a hand scanner.
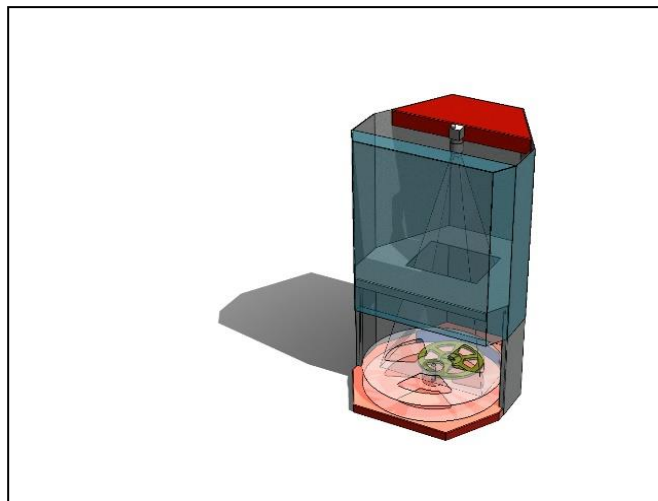
The operator does not have to decide which barcode labels to scan resulting in fewer scan errors. The AccuID has a simple user interface: the operator places the reel in the system and the scan begins automatically.

The camera on the AccuID can decode all of the barcodes on the reel in about two seconds and then send the required data to your database based on the prefix on each label. For example, 1P means supplier part number and Q means quantity. The decoding is omni-directional, and AccuID can decode down to five mils on 1D barcode labels and down to ten mils on 2D barcode labels.

Acc-Assembly's software will emulate keystroke to send the label to any application on your PC in a pre-determined sequence, so no special software is required in most cases. The software can interface with most existing SMT placement equipment systems.

Additionally, AccuID can be used for incoming inspection to verify the accuracy of the barcode labels on the reel. Applications include creating and printing a SMT component reel ID barcode label for: inventory systems, SMT placement equipment verification systems, and traceability.

The AccuID has the capability to read multiple barcodes in any orientation on SMT component reels in a single pass. It can accommodate component reels from 7". diameter to 15" diameter. Additionally, the low-cost system comes in a small footprint – desktop unit – 17x15x27".