

711 Operational Description

Intended Use

The 3M™ Model 711 Digital Conversion Station is designed to read barcode labels on library items (for example, books, video cassettes, etc.) and convert that information to be read to a 3M Brand Digital Identification D1 Tag. It is designed for use in the library environment.

The product has not been tested or proven safe for other uses.

3M™ Digital Conversion Station Operations

The barcode label information is read through the use of a laser scanner. This information from the barcode is processed by a computer and then transferred to a radio frequency identification (RFID) reader. This information is then read onto a 3M Brand Digital Identification D1 Tag. Only 3M Brand Digital Identification D1 Tags are to be used with the Model 711 Digital Conversion Station. The use of other materials could lead to poor performance and unsafe conditions.

Antenna Description

The 3M™ Digital Staff Workstation has an integral antenna with an area of 140 square inches (0.090 square meters). The antenna is embedded within the countertop of the EUT and is connected to the reader via a coax cable employing SMC connectors.