



9020



XE0364

stratix



CALIBRATION CERTIFICATE

Xaminer Elite IS

Model 9020

Serial No.



XE0364

Calibration Status: New Recalibration

Received for Recalibration: In Cal. Out of Cal.

Calibration Performed: 20 MAY 2026

Calibration Due: 20 MAY 2027

Software Ver. 8.01a

Calibration Type: Laser; Wand: 6-mil 10-mil 20-mil

Dimensional Analysis

- The Xaminer laser scan engine can resolve errors in element widths to a precision of +/- .0005"
- The Xaminer measures decodability according to ANSI X3.182-1990 methodology to a precision of +/- 10%
- The Xaminer measures reflectance characteristics according to ANSI X3.182-1990 to a precision of +/- 10%

Standards Testing

The Xaminer is tested in accordance with National Institute of Standards and Technology (NIST) traceable standards.

- The "Judge" Reflection Microdensitometer System ANSI X3.182
NIST traceability is derived through Judge scanning of a calibrated chrome on glass test object; NIST test #248994-91
- Applied Image U.P.C. Primary Calibration Standards:
*Part No. U.P.C. Master
 - Serial # I-2055-01 (Laser, 6-mil wand, 10-mil wand)
 - Serial # I2016-40 (20-mil wand)

Calibration

The Xaminer is calibrated at the time of manufacture to these specifications. The calibration measurements for the Laser are taken in a fixed apparatus at a distance of 5.75 inches from the target. Calibration measurements for the wand are taken at a distance ranging from 0 to 2mm from the target. The calibration values are stored in non-volatile memory and are not susceptible to loss or corruption due to power loss. If the Xaminer needs to be re-calibrated due to malfunction or user requirements, it must be returned to Stratix manufacturing or Stratix Authorized Service Center (SASC) facility. Verifiers should be re-calibrated by a Stratix technician or SASC technician on an annual basis. Stratix Corporation is the manufacturer of the Xaminer Elite.