



High Performance Visible Laser Diode Scanner

(Catalog Numbers 2755-LD4z1, -LD4z4,
LD8z1, -LD8z4)

Overview

This document describes an update to the High Performance Visible Laser Diode Scanner User Manual. Keep this Document Update with the manual.

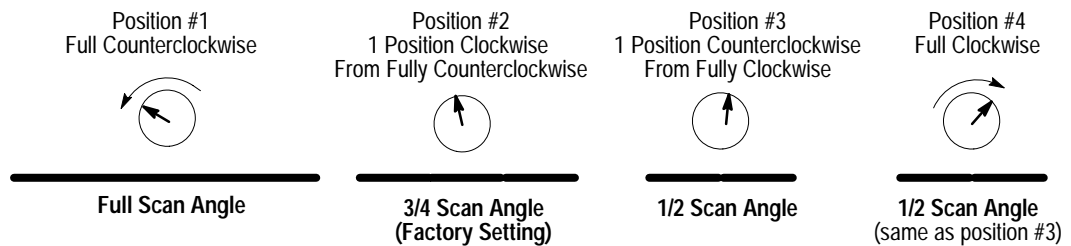
Description of Change

The “LD4” family of scanners are listed in this publication as having 200 scans per second. This has been changed to 186 scans per seconds. Please make the following changes:

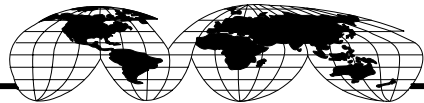
- Page 2-2, in the “Overview of Scanner” table, change the description for Catalog Numbers 2755-LD4z1 and 2755-LD4z4 from 200 scans per second to **186** scans per second.
- Page 3-11, under “Example 1:”, change:
A = 200 scans/second–5% = 190 scans/second (minimum scan rate), to:
A = **186** scans/second–5.4% = **176** scans/second (minimum scan rate)
- Page 3-11, under “Example 1:”, change:
S = 190 scans/second x (5.525 inches – 4.75 inches) / (25 inches/second)
S = 5.89 scans, to:
S = **176** scans/second x (5.525 inches – 4.75 inches) / (25 inches/second)
S = **5.46** scans
- Page 3-12, under “Example 2:”, change:
A = 200 scans/second–5% = 190 scans/second (minimum scan rate), to:
A = **186** scans/second–5.4% = **176** scans/second (minimum scan rate)
- Page 3-12, under “Example 2:”, change:
S = 190 scans/second x (8.1 inches – 4.75 inches) / (60 inches/second)
S = 10.6 scans, to:
S = **176** scans/second x (8.1 inches – 4.75 inches) / (60 inches/second)
S = **9.83** scans

- Page 3-13, under “Example 1:”, change:
 $A = 200 \text{ scans/second} - 5\% = 190 \text{ scans/second}$ (minimum scan rate), to:
 $A = \mathbf{186 \text{ scans/second} - 5.4\% = 176 \text{ scans/second}}$ (minimum scan rate)
- Page 3-13, under “Example 1:”, change:
 $S = 190 \text{ scans/second} \times 1 \text{ inch} / (25 \text{ inches/second})$
 $S = 7.6 \text{ scans}$, to:
 $S = \mathbf{176 \text{ scans/second} \times 1 \text{ inch} / (25 \text{ inches/second})}$
 $S = \mathbf{7.04 \text{ scans}}$
- Chapter 7 Specifications under Optical “Scan Rate (Nominal)”, change:
 Catalog No. 2755-LD4 200 Scans/Second, to:
 Catalog No. 2755-LD4 **186 Scans/Second**
- Page 5-3, factory default setting for the scan angle is $3/4$.

Figure 5.2
Scan Angle Adjustment Switch Positions



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