


GERSTEL


Barcode Reader Sample ID for MPS robotic

SID

Specifications

Uses

The Barcode Reader SID enables the automatic capture and documentation of barcodes on sample vials and TD tubes. The SID reads and documents barcodes or compares the read barcodes to barcodes saved previously. The SID can also capture several vials or TD tubes per sequence line. This guarantees a distinct identification and sample tracking of all vials or TD tubes used in a sequence. Due to the 2 scan units which are installed across from each other and operate simultaneously, a reliable capture of the barcodes is guaranteed.

Features

- 2 simultaneously operating scan units
- Active illumination of the barcodes by means of LEDs, enabling operation at low lighting
- Barcode resolution 0.25 mm

Compatible Vials and TD Tubes

- 2 mL, 4 mL, 10 mL or 20 mL vials
- TD tubes with imprinted barcodes for use with TDU 2
- TD tubes with imprinted barcodes for use with TD 3.5+

Legible 1D Barcodes*

- Code39, Code128, EAN, GS1-128, GS1 Composite Code, GS1 Databar, ISBN, ITF-6, ITF-14, UPC-A, UPC-E, etc.
- No line breaks
- Bars attached horizontally, min. on half vial perimeter
- Maximum barcode size depends on vial height
 - 2 mL vials max. 18 mm
 - 4 mL vials max. 30 mm
 - 10 mL vials max. 25 mm
 - 20 mL vials max. 50 mm

Legible 2D Barcodes*

- Aztec Code, Chinese Sensible Code, Data Matrix, Maxicode, PDF417, QR Code
- No line breaks
- Maximum barcode size depends on vial diameter
 - 2 mL vials max. 9 mm
 - 4 mL vials max. 11 mm
 - 10 mL and 20 mL vials max. 17 mm
- Minimum 4 barcodes evenly attached on the vials

Control

- By means of the GERSTEL MAESTRO software, either in stand-alone mode or integrated into or coupled to a chromatography data system (CDS)
- Only one method and one sequence table required for the complete system when integrated in a CDS

System Requirements

- GERSTEL MultiPurpose Sampler MPS robotic, MPS robotic^{PRO} or MPS liquid
- Computer with one free USB interface

Power Consumption

- Maximal 6 W

Power Supply

- 100 ... 240 VAC, 50/60 Hz



Barcode Reader SID

Operating Conditions

- 5 ... 40 °C
- Relative humidity max. 50-60%, non-condensing
- Max. 4615 m above sea level

Storage Conditions

- 5 ... 40 °C
- Relative humidity max. 90%, non-condensing
- Max. 4615 m above sea level

Dimensions (W × H × D)

- 61 × 162 × 417 mm

Weight

- 1.34 kg