

NS496 *plus*

DBS PUNCHER



LABSYSTEMS
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INTRODUCTION

The NS496 Plus 4-plate puncher is designed to automate the punching operation and to efficiently punch the 3.2mm blood discs in 96-well microtitre plate for newborn screening assays.



FEATURES

- **Electronic verification of the punch to the plate** - Five beam disc detection system ensures the disc fall into the punched wells
- **Mode of Punch** - Easy punching through foot switch, left and right handed push buttons
- **Anti-Static system** - Unique moisture based anti-static system to overcome the static interference.
- **Possibility of using sample cards with and without frame**
- **High throughput and minimal reposition time**
- **Easy to use Software** - Windows based user friendly software. Programmable for different plate layouts and ability to connect with all the LIMS.
- **Customizable cleaning punch functionality** - Distinctive feature to clean the puncher head which overcomes any chance of carry-over.
- **Multi-punch option** - Feature to reposition the desired well and ability to punch upto 10 discs per well.
- **Intergrated barcode scanning of sample cards and 96-well microtitre plates**
- **Real-time display of plate maps**

SPECIFICATIONS

● Environmental conditions (Indoor Use Only)

- Operating Temperature: 15°C to 35°C (59 °F to 95 °F)
- Operating Humidity: 35 to 80 RH, non-condensing

● Physical Dimension

- 646 mm (W) x 432 mm (D) x 356 mm (H)

● Weight

- 15 Kgs

● Power Requirements

- Nominal Input Voltage: 100-240 VAC
- Nominal AC Input Frequency: 50-60 Hz
- Maximum Input Current: 4 A at 115 V, 2 A at 240 V
- Internal Voltage: 24 VDC
- Internal Fusing (24 V DC): 3 A Anti-Surge
- Power: 180 W

● USB Interface

PRODUCT INFO

Product Code	Product name	Type	Unit
5450300	Neonatal NS496 Plus DBS Puncher	Instrument	1



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