The DBS Puncher is a versatile, automated instrument for punching dried blood spot samples into 96-well microtitration plates. The instrument supports a wide range of assays employing blood spots as well as other samples dried on filter paper. The DBS Puncher is well-suited for preparing plates for feeding into an automatic immunoassay system.

Efficient punching of sample disks

The 1296-071 DBS Puncher has a user interchangeable punch head, so depending on your assay, the disks may be 1.5 mm, 3.2 mm (1/8"), 4.7 mm (3/16") or 6 mm in diameter.

Two plates may be loaded to allow simultaneous processing of different assays, and either standard or deep-well plates can be accommodated. After punching, disk detection confirms that the disk has fallen from the punch head.

The DBS Puncher is available as a standalone unit, or configured with a barcode reader and external PC with DBS Workstation software for identification of the patient sample. For process and data management, connection to an external PC also allows the transfer of worklists.

There are four selection buttons for instrument control, and the instrument is operated by hand or by foot-switch. Ease of use is enhanced by a clear double line display, and by illumination of the area being punched.
Suiting standard or deep-well plates, and 1.5, 3.2, 4.7 or 6 mm disk sizes, the DBS Workstation option utilizes a barcode reader to identify each sample.

### SPECIFICATIONS

**DBS Puncher**

- **Punch diameter:**
  - 1.5 mm (1/16")
  - 3.2 mm (1/8")
  - 4.7 mm (3/16")
  - 6 mm

- **Plate height:** 15 - 41 mm (suits standard and deep well plates)

- **Operational control:** 4 selection buttons for:
  - operation mode selection
  - plate movement
  - barcode display
  - operation guidance
  - protocol editing

### Display:

- 2-row, 24 character per row

### Input/Output connections:

- RS-232 port for barcode reader (USB with adapter)

### Dimensions:

- Height 305 mm
- Width 420 mm
- Depth 480 mm
- Weight approx. 20 kg

### Environmental conditions:

- Temperature range 15-35°C
- Humidity range 20-80%

### ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1296-071</td>
<td>DBS Puncher</td>
</tr>
<tr>
<td>1296-8020</td>
<td>PC for DBS Puncher with 17&quot; TFT Flat screen</td>
</tr>
<tr>
<td>1221-530</td>
<td>DBS Workstation software including barcode reader</td>
</tr>
</tbody>
</table>

**Options**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1296-203</td>
<td>3.2 mm punch head (included)</td>
</tr>
<tr>
<td>1296-2080</td>
<td>1.5 mm punch head</td>
</tr>
<tr>
<td>1296-204</td>
<td>4.7 mm punch head</td>
</tr>
<tr>
<td>1296-2070</td>
<td>PCR plate adapter</td>
</tr>
<tr>
<td>1296-206</td>
<td>6 mm punch head</td>
</tr>
</tbody>
</table>

All PerkinElmer diagnostic products may not be available in all countries. For information on availability please contact your local representative.

For a complete listing of our global offices, visit www.perkinelmer.com/ContactUs

©2012 PerkinElmer, Inc. All rights reserved. PerkinElmer is a registered trademark of PerkinElmer, Inc. All other trademarks depicted are the property of their respective holders or owners. PerkinElmer reserves the right to change this document at any time and disclaims liability for editorial, pictorial or typographical errors.

1296-967-08, August 2017