# DSX



**Catalog number:** 65400
**Storage:** Bez teplotního režimu
**Producer:** Dynex Technologies, Inc.

**Samples**

- Capacity: up to 96 samples can be processed
- Dilution of patient samples in dilution strips
- Primary sample tubes: height 40-100 mm, diameter 12-16 mm

**Robotic and pipetting system**

- 1 pipetting arm - 2 types of tips (300 µl for samples/controls and 1300 µl for reagents)
- Possibility of two-stage sample dilution
- Tip trays: 108 for samples, 41 for reagents
- Pipetting volume: 25-1000 µl, volume control system
- Pipetting accuracy: < 3% CV (± 2% accuracy)
- Pipetting arm speed: samples < 19 minutes/plate (50 µl x 96 wells); two-stage dilution < 26 minutes; reagents < 2 minutes/plate

**Washing**

- 1 station
- 4 wash solutions with liquid-level monitoring
- Possibility of shaking (continuously or periodically)
- Waste: integrated container (8 l), level sensor

**Measurement**

- Spectrophotometer, 0-3,0 OD
- Spectral range: 405-690 nm

**Incubation**

- Up to 4 independent incubation units
- Temperature range: RT; 7 °C – 50 °C
- Stability: ± 1 °C

**Software**

- A part of PC delivery, OS Windows 7
- Bidirectional ASTM interface, XML, etc.
- Archiving patients results
- Quality control by Levey-Jennings, Westgard rules

**Dimensions**

- Depth: 91 cm; height: 80 cm; width: 106 cm
- Weight: mx. 136 kg

**Certification**

- CE marked, IVD certified