



Neonatal NS96 Disc Remover

- One button easy operation
- Remove Sample disc after incubation for newborn screening assays
 - Separate Sample disc and liquid waste for easy disposal
- Possible to integrate with NS2400 fully automatic newborn screening system

Neonatal NS96 Disc Remover

The Neonatal NS96 Disc Remover is designed to remove sample discs after incubation for certain newborn screening assays. It removes both liquid and blood disc from the assay plate. Compatible assays include hTSH, 17-OH-Progesterone, IRT and ToxoIgM.

The Neonatal NS96 Disc Remover is suitable for both stand-alone operation and fully automatic operation (integrated with LabSystems Diagnostics' NS2400 fully automatic newborn screening system). All the functions are operated through just one button. Designed for high throughput workflow, less than 50 seconds is required to finish the disc removal operation on microtitre 96-well plate. Unique design makes the unit compatible with both solid and strip plates.

The Neonatal NS96 Disc Remover can be added to any existing modular newborn screening system. The key benefits are:

- Effective disc remove operation will ensure zero cross contamination between wells
- No residues make the following washing steps more effective
- No fiber from the blood disc will be carried to the washer heads and hence no clogging
- Separate liquid and blood disc waste for easy disposal

Overall dimensions	: 150 mm (W) x 500 mm (D) x 500 mm (H) for the instrumentation and reserve a space at least 1500 mm (W) x 800 mm (D) x 700 mm (H) for the pump and the liquid bottles
Weight	: Pump: 18 kg Main unit: 5 kg
Operating conditions	: +15°C to +32°C; maximum relative humidity 80% Indoor use only
Mains power supply	: 230 Vac, 50 Hz, nominal
Power consumption	: 2400 VA max.
Compatible microplates	: Clear microplate, Nunc cat.no. 430341 Nunc FluoroNunc 96F, white microplate, cat.no. 236108
Transport conditions	: 20 to +60°C, maximum relative humidity 80%, packed in transport packaging
Storage conditions	: 10°C to +50°C, maximum relative humidity 80%, packed in transport packaging



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