



Overview

The Sentosa SX101 is a flexible automated pipetting system that offers a unique and easy-to-use workflow for nucleic acid extraction and PCR set-up, for up to 4 assays simultaneously. Throughput of up to 48 samples can be processed within 2 hours.

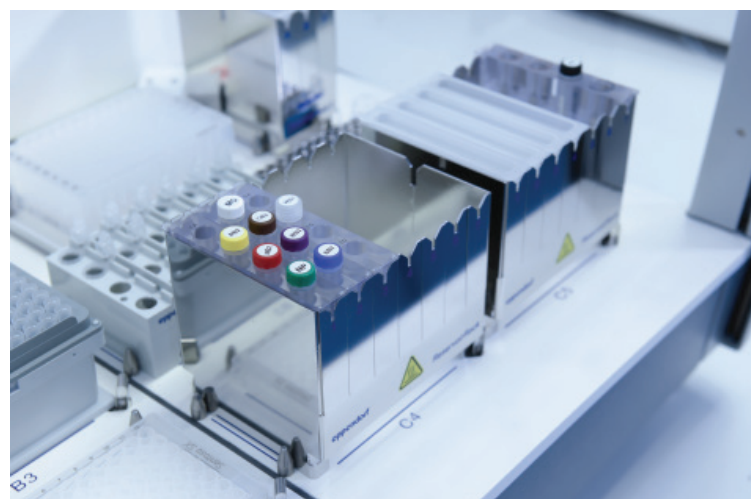
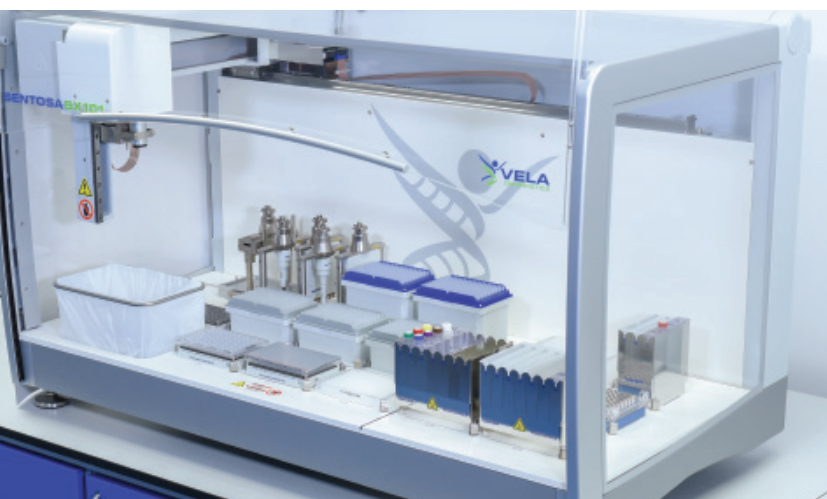
The tube holder plate that holds the Sentosa SA PCR reagents is color-coded to allow the operator to match it with the corresponding reagent cap colors. This minimizes the risk of placing reagents in the wrong positions. The adaptor that holds the tube holder plate and reagents is kept chilled for temperature sensitive master mixes. The whole PCR set-up is covered during extraction steps to prevent any possibility of contamination to the reagents.

Features and Benefits

- Open-channel capabilities.
- Walk away automation.
- Supports 21 different sample types.
- In-built thermomixer module that supports Sentosa SX Extraction kit.
- Preset run protocols for the Sentosa SX workflow.
- Color coding on tube holder to match reagent cap color to ensure correct positioning of reagents.
- Inscribed names provide further confirmation on the right placement.
- ID tracking functionality to ensure sample traceability.
- Primary tube handling.
- Barcoding of samples to reduce manual input error rates and saves time.
- Pre-scan with optical sensor before each run to ensure sufficient quantity and types of tips and labwares.
- Continuous audit trail with user specific digital signatures in compliance to CFR 21 Part 11.
- Connectivity to LIS.
- Easy to clean, low maintenance & service requirement.
- Small and compact footprint (W107;H67;D61 cm) (W42;H26;D24 in).

Ordering Information

Equipment / Software	Description	Item Number
Sentosa® SX101 Instrument	Automated sample processing system	400089



Consumables	Item Number
Sentosa SX Safe-Lock Tubes (1000)	400031
Sentosa SX Non-Partition 50 µL Filter Tips (960)	400224
Sentosa SX Non-Partition 1,000 µL Filter Tips (960)	400223
Sentosa SX 30 mL Reservoir (50)	400028
Sentosa SX 100 mL Reservoir (50)	400027
Sentosa SX Deepwell Plates 96/2000 µL (20)	400068
Sentosa SX Biohazard Bag (100)	400033
Sentosa SA 96-Well Optical Plates	400149
Sentosa SA Optical Adhesive Seals (100)	400146
Sentosa SX Partition 50 µL Filter Tips (960)	400025
Sentosa®SX Partition 1000 µL Filter Tips (960)	400026
Sentosa SX Barcoded PCR Plate 96 (50)	400100
Sentosa SX PCR Foil, Adhesive (100)	400032