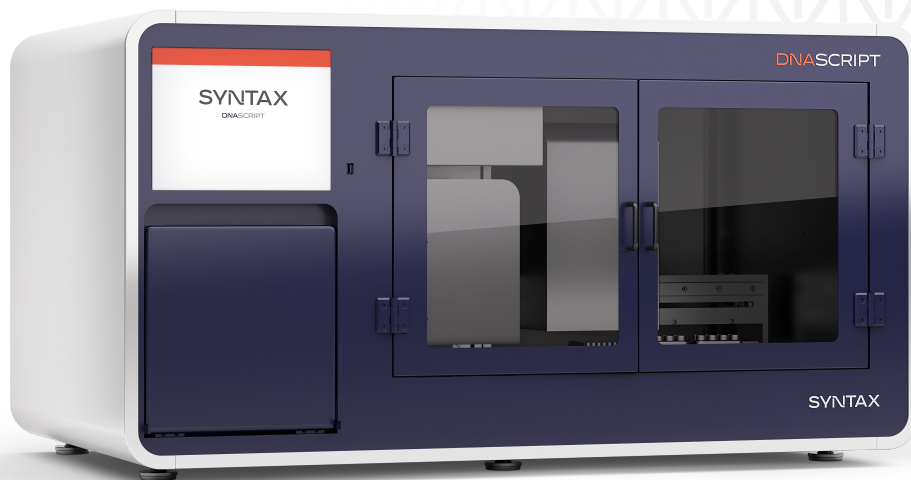


SYNTAX SYSTEM MODEL STX-200

Cat. No. 101773 Model STX-200

The **SYNTAX System** is a fully integrated Automated, instrument that manages the template-free enzymatic synthesis of 96 to 384 oligos in parallel. This benchtop system synthesizes, desalts, quantifies, and normalizes oligos with or without fluorescent or other modifications. Oligos are ready for immediate input into downstream molecular biology and genomics workflows. Intuitive software allows for the scheduling and management of DNA synthesis runs in addition to reviewing synthesis results.



SYSTEM COMPONENTS AND CHARACTERISTICS

SYNTAX instrument and software	<ul style="list-style-type: none">• Fully automated synthesis, desalting, quantification, and normalization delivering ready-to-use oligos• Synthesis of unlabeled and labelled oligos using DNA Script reagent kits• Throughput: Up to a maximum of 96 or 384 oligos depending on the kit used, and oligos length• Run setup time: 15-30 minutes• Synthesis duration: Dependent on oligo length. 6 hours for 20-mers, 23 hours for 120-mers
Console software	<ul style="list-style-type: none">• Web-based and on-premises software available for managing users, projects and synthesis runs• Design and manage custom synthesis plates, schedule runs, view and manage results
Reagent kits	<ul style="list-style-type: none">• See product information sheet of individual kits

HARDWARE SPECIFICATIONS

Computer System	<ul style="list-style-type: none">• Memory: 16GB• Storage: 250GB• CPU: Intel Core i7-6600U at 2.60 GHz• Operating system: Linux, Ubuntu 18.04.5 LTS
Communication Ports	<ul style="list-style-type: none">• USB 2.0 (2 back of System, 1 front panel)• Ethernet• HDMI out
Power	<ul style="list-style-type: none">• Electrical requirements: One standard 100-240 VAC, ≥ 15 A, 50/60 Hz single-phase power outlet• Power output at typical power draw: <1000 W



RELATED ITEMS

ITEM	CATALOG NUMBER
SYNTAX DNA Synthesis Kit	102294
SYNTAX 96 Hi-Fidelity Run Kit	101868
SYNTAX 96 Standard Run Kit	101869
SYNTAX 384 Hi-Plex Run Kit	102223

OPERATING ENVIRONMENT

Benchtop instrument weight	159 kg 350 lb
Vacuum cabinet (freestanding) weight	59 kg 130 lb
Ambient temperature	15-30 °C 59-86 °F
Relative humidity	20-80%, non-condensing

SYNTAX STX-200



VACUUM CABINET



FOR MORE INFORMATION

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