

OligoMaker X192



Up to 192 primers in one run

Instrument

Subject

Capacity
Scale of synthesis
Support material
Standard equipment for amidites
Up to 5 Extra amidite positions
Standard Bottles for reagent
Standard 2 activator positions
Standard 2 wash positions
Standard 1 deblocking positions
Standard 1 Ox position
Standard Cap A position
Standard Cap B position
Standard DEA position
Free position
Automatic Wash and Purge System
Pressure on reagents
Only one gas connection
Instrument - and Cleaning
Maintenance
Spare parts
Power
Safety
QC
Certification
Service

Description

1 - 2 x 96-well plates – up to 192 primers in one run
10, 50, 200 and 1000 nmol scale
Universal support
0,5 x 1L bottles
180-ml bottles
7 x 4L bottles
Activating in parallel
Washing in parallel
Deblocking
Oxidizer
Capping simultaneously with Cap B
Capping simultaneously with Cap A
Deprotection
Custom specified
Automatically wash and purge all nuzzles after synthesis
Each bottle can be pressurized and depressurized individually
One gas for making pressure in the bottles and purging during synthesis
1000 x 550 x 600 mm (L x W x H) - Design with large straight surfaces
Replacing valves and tubing within a few minutes
Spare parts are in stock
115V or 220V
Emergency Stop
All instruments undergo a strict quality control process in our lab
CE marked
ON-call service

Software

Subject

Touch screen
Wi-Fi
Collecting data from runs
IUPAC codes
Chemical consumption
Coupling time
Synthesis >60-mer
Draining time

Description

10" touch screen
Instrument can be operated as stand-alone or from your PC or Mac
Collecting data for GMP-purposes
Mixed bases are only available on OM X192
Automatically calculation of the single reagent consumption
Adjustable
Automatically adds extra reagents and coupling time
Draining time is automatically adjusted depending on finished oligos