

OligoMaker 384



Up to 384 primers in one run

Instrument

01.06.2023

Subject

Capacity
Scale of synthesis
Support material
Standard Phosphoramidite positions
Up to 5 Extra amidite positions
Standard 2 activator positions
Standard 2 wash positions
Standard 2 deblocking position
Standard 2 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 x 384-well plates – up to 384 primers in one run
5, 10, 25 and 50 nmol scale
Universal support
4 x 0,5L or 1L bottles
180-ml bottles
Activating in parallel – 2,5L or 4L
Washing in parallel – 2,5L or 4L
Deblocking – 2,5L or 4L
Oxidizer – 2,5L or 4L
Capping simultaneously with Cap B – 2,5L or 4L
Capping simultaneously with Cap A – 2,5L or 4L
Deprotection – 450-ml
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
110/155V or 220/240V
Emergency Stop
All instruments undergo a strict quality control process in our lab
CE marking
ON-call service

Software

Subject

Touch screen
Wi-Fi
Collecting data from runs
IUPAC codes
Chemical consumption
Coupling time

Description

10" touch screen
Instrument can be operated as stand-alone
Collecting data for GMP-purposes
Mixed bases are only available on OM 384
Automatically calculation of the single reagent consumption
Adjustable