

OligoMaker 384



Up to 384 primers in one run

Instrument

04.11.2024

Subject

Capacity
Scale of synthesis
Support material
Standard Phosphoramidite positions
Standard 2 activator positions
Standard 2 wash positions
Standard 2 deblocking position
Standard 2 Ox position
Standard Cap A and Cap B Position
Option DEA position
8 Free positions
Vacuum pump KNF type N840
Automatic Wash and Purge System
Trityl monitoring
Pressure on reagents
Only one gas connection
Instrument - and Cleaning
Cleaning
Shipment
Maintenance
Spare parts
Power
Safety

QC
Certification
Service

Description

1 x 384-well plate - up to 384 primers in one run - all up to 225-mer
5, 10, 25 and 50 nmol scale
Universal support
4 x 0,5L or 1L bottles
Activating in parallel – 2,5L or 4L
Washing in parallel – 2,5L or 4L
Deblocking in parallel – 2,5L or 4L
Oxidizer – 2,5L or 4L
Simultaneously capping with Cap A and Cap B – 2 x 2,5L or 2 x 4L
Deprotection – 450-ml
Custom specified
Included
Automatically wash and purge all valves and nuzzles after synthesis
Trityl observation is possible after each cycle, coupling yield 99,0-99,5%
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 flat surfaces, easy to keep clean
In a wooden box 1200 x 800 x 750 mm (L x W x H)) – EU standard pallet
Replacing valves and tubing within a few minutes
Spare parts are in stock
115V or 220V
Accidentally overflowing is directed to waste container
Safety guard rails are placed inside the synthesizer
All instruments go through a strict quality control process in our laboratory
CE marking
ON-call service

Software

Subject

Touch screen
Operation
Program
IUPAC codes
Chemical consumption
Coupling time

Description

10" touch screen
Instrument is operating as stand-alone
User-friendly and flexible
Mixed bases are available
Adjustable
Adjustable