

OligoMaker 48



Up to 48 primers in one run

Instrument

Subject

Capacity
Scale of synthesis
Support material
Standard Phosphoramidite positions
Up to 8 Extra amidite positions
Standard 2 activator positions
Standard 2 wash positions
Standard 1 deblocking position
Standard 1 Ox position
Standard Cap A position
Standard Cap B position
Ox2 position
1 free position
Pressure on reagents
Only one gas connection
Instrument - and Cleaning
Maintenance
Spare parts
Power
Safety
QC
Certification
Service

Description

From 1 to 48 primers in one run
10, 50, 200 and 1000 nmol scale
CPG or Universal support in standard columns
4 x 120-ml or 180-ml bottles + 2 x 10-ml
10-ml or 30-ml bottles
Activating in parallel – 1L
Washing in parallel – 1L
Deblocking – 1L
Oxidizer – 1L
Capping simultaneously with Cap B – 1L
Capping simultaneously with Cap A – 1L
Option
Custom specified
Each bottle can be pressurized and depressurized individually
One gas for making pressure in the bottles and purging during synthesis
650 x 550 x 500 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
Overfloating by accident is directed to waste container.
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
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 available (Wobbles)
Automatically calculation of the single reagent consumption
Adjustable
Automatically adds extra reagents and coupling time
Draining time is automatically adjusted depending on finished oligos