

OligoMaker X48 / 6



Up to 48 primers in one run

Instrument

02.08.2024

Subject

Capacity
Scale of synthesis
Support material
Standard equipment for amidites
Up to 8 Extra amidite positions
Standard 2 activator positions
Standard 1 wash position
Standard 1 deblocking positions
Standard 1 Ox position
Standard Cap A position
Standard Cap B position
Free position
Trityl monitoring
Automatic Wash and Purge System
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 – all +150-mer
10, 50nmol, 0,2, 1 and 3 μ mol scale
CPG or Universal support in standard columns
4 x 120-ml bottles + 2 x 10-ml
10-ml bottles
Activating in parallel
Washing
Deblocking
Oxidizer
Capping simultaneously with Cap B
Capping simultaneously with Cap A
Custom specified
Trityl observation is possible after each cycle, coupling yield 99,0-99,5%
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 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 or from your PC or Mac
Collecting data will come soon
Mixed bases are available
Automatically calculation of the single reagent consumption
Adjustable