

OligoMaker - OM-X12



Up to 12 primers in one run

Instrument

02.01.2025

Subject

Capacity
Scale of synthesis
Support material
Standard equipment for amidites
Up to 8 Extra amidite positions
Standard 1 wash position
Standard 1 activator positions
Standard 1 deblocking position
Standard 1 Ox position
Standard Cap A position
Standard Cap B position
Ox2 position
Vacuum pump KNF type N810
Injection
Trityl monitoring
Automatic Wash and Purge System
Pressure on reagents
Only one gas connection
Instrument
Cleaning
Maintenance
Shipment
Spare parts
Power
Safety

QC

Certification
Service

Description

From 1 to 12 primers in one run – all +150-mer
10, 50nmol, 0,2, 1 and 3µmol scale
CPG or Universal support in standard columns
4 x 60-ml bottles + 2 x 10-ml
10-ml bottles
Acetonitrile – 450-ml
Activating – 180-ml
Deblocking – 450-ml
Oxidizer – 180-ml
Capping simultaneously with Cap B – 180-ml
Capping simultaneously with Cap A – 180-ml
Option - 30-ml bottle
Included
Direct injection from the valves
Trityl observation is possible after each cycle, coupling yield 99,0-99,5%
Automatically wash and purge all valves and nuzzles after synthesis
Each bottle can be pressurized and depressurized individually
One gas for making pressure in the bottles and purging during synthesis
31,5 x 17,3 x 13,8 inch US (W x D x H)
Design with large flat surfaces, easy to keep clean
Replacing valves and tubing within a few minutes
In a wooden box 47,2 x 31,5 x 23,6 inch (L x W x H)) – EU standard pallet
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
Control system
Runs
IUPAC codes
Chemical consumption
Coupling time
Program

Description

8" touch screen
Stand-alone
Created on Excel sheet and transferred vis USB-stick
Mixed bases are available (wobbles)
Automatically calculation of the single reagent consumption
Adjustable
User-friendly and flexible