

# OligoMaker - OM-X48



## Up to 48 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 2 activator positions  
Standard 1 wash position  
Standard 1 deblocking positions  
Standard 1 Ox position  
Standard Cap A and Cap B Positions  
Vacuum pump KNF type N840  
Injection  
Trityl monitoring  
Automatic Wash and Purge System  
Pressure on reagents  
Only one gas connection  
Instrument  
Cleaning  
Maintenance  
Shipment  
Spare parts  
Power  
Safety

#### Description

From 1 to 48 primers in parallel in one run – all +150-mer  
10, 50nmol, 0,2, 1 and 3µmol scale  
CPG or Universal support in standard columns  
4 x 120-ml bottles + 2 x 10-ml  
10-ml bottles  
Activating in parallel – 1L  
Washing – 1L  
Deblocking –1L  
Oxidizer - 1L  
Simultaneously capping with Cap A and Cap B - 2 x 1L  
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  
800 x 400 x 400mm (L x W x H)  
Design with large flat surfaces, easy to keep clean  
Replacing valves and tubing within a few minutes  
In a wooden box 1200 x 800 x 500mm (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

#### QC

Certification  
Service

### Software

#### Subject

Touch screen  
Wi-Fi  
Program  
IUPAC codes  
Chemical consumption  
Coupling time

#### Description

10" touch screen  
Instrument can be operated as stand-alone  
User-friendly and flexible  
Mixed bases are available (wobbles)  
Automatically calculation of the single reagent consumption  
Adjustable