

QMaster GS - Gram Scale Synthesizer

The QMaster GS “Gram Scale” synthesizer operates within a wide range of scales depending on column geometry and resin loading, providing **Gram and Sub-Gram** quantities of high quality oligonucleotides. The system utilizes Genomic’s **Turbulent Flow Reagent Delivery System** to enhance coupling efficiency and system cleansing effectiveness.



Specifications

Scale Range: 10umole – 5mmole

Chemistries: DNA, RNA, DNA/RNA Hybrids, H-phos, 2'OMe

Supports: Polystyrene, CPG, Custom, High Load, Modified

Cycle Times: DNA 15min, RNA 24min

Flow Rate: Variable/Programmable (1 – 80 ml/min)

Sensors: Gas Pressure, Fluid Pressure, Trityl by Conductivity, Trityl By Colorimetry, Gravimetric

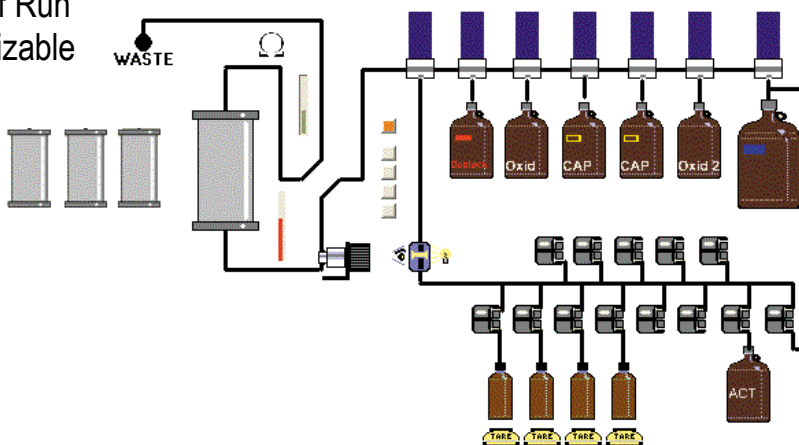
Controlled delivery of reagents: By scale sensor measurement and by trityl monitor

Throughput: Multi Column – serial synthesis progression

Email Notification for End of Run

Monomer Vessels: Customizable

Reagent Vessels: 7



Genomic Technologies, Inc.

12 Walnut Hill Road
Millis, MA 02054
617.901.6178

www.GenomicTechnologies.com
Info07@GenomicTechnologies.com