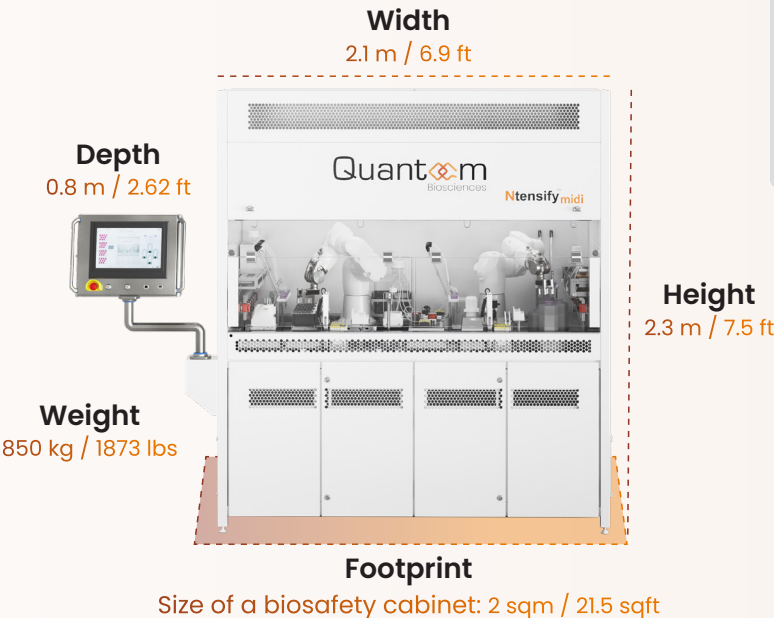


mRNA production system for clinical trials & commercial manufacturing

The **NtensifyTM midi** is a GMP production system that synthesises mRNA by automating IVT and DSP in a single and compact equipment.

The equipment is part of the **NtensifyTM solution** that provides users with a plug and play system for mRNA production and purification.



NtensifyTM

PROCESS

REAGENTS

DISPOSABLES

EQUIPMENT

Benefits

Scalable

Our process operates in a sequential-staggered manner, by scaling out a 20mL IVT to a total volume of 800mL. This reduces the need to validate the various IVT scales.

Automation driven reproducibility & consistency

Using automation for IVT and DSP ensures consistent pipetting volumes, incubation, and shaking durations. This improves robustness over manual methods and eliminates reproducibility issues between different operators.

Plug and play for max performance

The equipment comes with an optimized process, disposables, and the mixes of reagents to deliver optimal process performances and mRNA quality.

Affordable

Our solution reduces CoGs by minimizing handling needs, lowering the risk of batch failure, decreasing reagent consumption, and reducing process development requirements.

Configuration

	Per batch	Per year
Input	10–40 mg of linear DNA	Up to 8.4 g of linear DNA
Output	1–5 g of naked mRNA	Up to 800 g of naked mRNA
Batch	Max 1 per day	208 per year