

# Ntensify™ midi

Ntensify Midi is a GMP-grade RNA production system available for the manufacturing of mRNAs or saRNAs at a scale that is ideal for clinical phases I and II.

Modules are available to upgrade effortlessly from the Ntensify Midi to the Ntensify Maxi.

**Key facts:** up to 5 g of purified RNA per day, more than 600 g of purified RNA per year, up to 7.3 M doses of corresponding drug product (50 µg each)



## Specifications

	Per batch	Per year
Input	10-40 mg of linear	6 g of linear DNA
Output	1-5 g of naked RNAs	720 g of naked RNAs
Batch	Max 1 per day	150 per year

**Ideal for clinical phase & commercial production < 7M doses/ year**

- Dimensions** 2 m (width) x 2.4 m (height) x 0.9 m (depth)\*  
Around 1 T weight in operation\*  
\* Assumptions (still to be confirmed)

## Benefits

### - Speed, no scale-up needed

(Pre)-clinical development is already at the final scale of 20 mL, which accelerates your process and product development

### - One optimal process, but adaptable

Optimized process for high-performance, yet adaptable to your RNA construct specificities

### - Plug & play for max performance

Comes with an optimal process, disposables, and the reagents pre-mixes to guarantee process performance in yield and quality

### - Reduced CoGs

Thanks to high-yield, high-quality processes, lower need for expensive reagents, and automation

- Robust yield (5-6 mg/ml)
- Significant reduction in required reagents with optimized process
- Single purification step

### - Single low footprint – 2 m<sup>2</sup>

Optimal IVT (*In-vitro* transcription) step for simpler purification and therefore no need for long equipment trains