

Kuhner microTOM

Ready. Steady. Screen.



Elevates your screening on the fast track

Accelerate critical early-stage decisions with Kuhner microTOM, the next-generation online monitoring system for **96- or 24-well microtiter plates**.

- **Real-time monitoring** of cellular respiration
- **Fast, data-driven decisions**
- **Reliable identification** of optimal strain or media
- Designed for **microbial and cell culture** uses

Modular. Scalable. Flexible.

- **Compatible with** standard microplates
- Patented technology **adapted from proven Kuhner TOM systems**
- Robust data **for clone-, media- or process parameter screening**
- Ideal to monitor FeedPlate® – **the fed-batch solution for MTPs**



No offline sampling required



Patented technology

Microbial or cell culture – which setup fits your workflow?

Working with microbial cultures?

Choose **Type M** – Ideal for non-humidified incubators. Includes humidification & aeration system (air or desired gas mixture) for stable cultivation conditions.

Kuhner microTOM Type M



Focusing on cell culture?

Choose **Type C** – Perfect for humidified incubators (with or without CO₂). Uses conditioned incubator environment (humidity, CO₂, O₂) aerating the cultures in the microtiter plate.

Kuhner microTOM Type C



What makes our Kuhner microTOM special?

- **96 parallel OTR measurements** – unrivaled throughput for microplate-based cultivations
- **Low running costs** – Only standard MTP and sealing membrane necessary, no expensive consumables
- **Compact footprint** – 96 monitored bioreactors at the size of a cryo storage box
- **Extremely sensitive** – Next to microbes, it is also suitable for mammalian cells
- **No offline sampling required** – fully automated & continuous measurement

Want to learn more?
Scan the QR code for
detailed technical data.

