

RIDA®Xplore

For highly multiplexed diagnostics

The RIDA®Xplore is dependable automation for low to medium throughput laboratories, delivering high quality results every time. With a small footprint requiring less than 1 m of benchspace, it is build for laboratories with versatile requirements and high standard of accuracy. Detect up to 40 gene targets (in 24 well panels) simultaneously with panels from the comprehensive TandemPlex® portfolio.

Key facts



Automated MT-PCR processing and analysis



Process up to 24 samples in 3 h 20 min, from sample extracts to real-time PCR results



Parallel processing enables testing of 72 samples in an 8 hour day



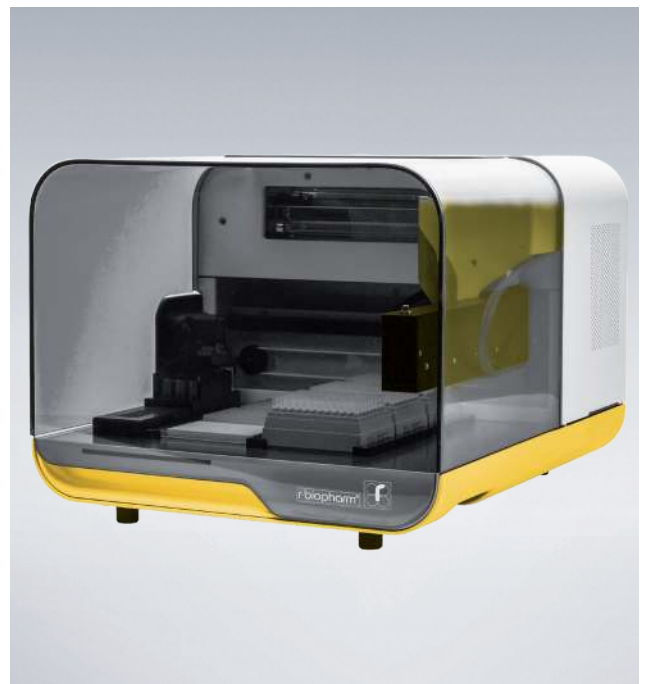
Just 10 minutes total hands-on time



Automatic results calling



Reliable automation for TandemPlex® panels



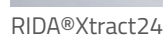
Diagnostic areas

TandemPlex® panels are available in a wide range of diagnostic areas:

- Gastrointestinal infections
- Hospital care & drug resistance
- Respiratory pathogens
- Sexual health & dermatology
- Urinary tract infections
- Women's health

For highly multiplexed diagnostics

Perform extraction and MT-PCR for up to 24 samples in a single run. With parallel processing, achieve testing of up to 72 samples per 8-hour day.



Run 1: Extraction - 55 min (E) | MT-PCR (Step 1) - 1 h 55 min (D) | Step 2 - 1 h 15 min (D)

Run 2: Extraction - 55 min (E) | MT-PCR (Step 1) - 1 h 55 min (D) | Step 2 - 1 h 15 min (D)

Run 3: Extraction - 55 min (E) | MT-PCR (Step 1) - 1 h 55 min (D) | Step 2 - 1 h 15 min (D)

Hour: 1 2 3 4 5 6 7 8

Hands-on time: E | D | Walk away time (grey)

Legend: E Hands-on time: set up extraction (10 min) | D Hands-on time: set up for MT-PCR step 1/step 2 (3 min) | Walk away time



<https://r-b.io/xplore>