

repliKator

Automated liquid handler and plate replication instrument

The repliKator™ is the latest laboratory instrumentation solution from the team at LGC. The repliKator solves the challenge of **stamping of microtitre plates** from a range of sources into standard 96, 384 or 1536 formats.

The repliKator utilises a combination of proven pipetting technologies with our unique tip guidance system to enable accurate transfer from any microtitre plate format to generate 96-, 384- or 1536-well daughter plates. Designed with flexibility, reliability, robust operation and ease of use as key features, the repliKator can significantly increase efficiency in any laboratory routinely pipetting into any microtitre plate format.



Why choose the repliKator?

- Increased laboratory efficiency
- Accurate plate replication
- Suitable for a range of source and destination plate formats
- Can be incorporated into new or existing laboratory workflows
- Allows preparation of one source plate into 24 x 1536 microtitre plates with 1.5 µL in under 12 minutes
- Unique tip guidance system enables plate replication from, or to, any format including 96-, 384- or 1536-well plates
- Variable Z-position dispensing head allows use of both shallow and deep well plates
- Includes integrated tip wash station to reduce consumable costs
- Simple template dispensing using intuitive software interface
- Compatible with Kraken workflow management software
- Use as a standalone instrument or in combination with other SNLine instrumentation

repliKator specifications

INSTRUMENT DIMENSIONS	Depth: 74.0 cm (29.1") Width: 156.0 cm (61.4") plus 15" laptop Height: 88.0 cm (34.6") Provided with laptop/software
INSTRUMENT WEIGHT	Approx. 266 kg (586.4 lbs)
ELECTRICAL REQUIREMENTS	220 V, 3 A Requires use of a RCD Type B 100 mA earth leakage circuit breaker.
AIR/WATER REQUIREMENTS	Compressed air: 6 bar (90 psi), 90 L/min Reverse Osmosis (R.O.) Water: 10 L (2.2 gal) <u>Standard Minimum Grade</u> ASTM Standard (ISO 3696) Type III ISO Standard Grade 3 Clinical Laboratory Standards Institute (CLSI - CLRW) Type 3 <i>Note: Commercial/industrial R.O. water systems typically meet these requirements</i>
CERTIFICATIONS	CE

Ordering information

Cat. no.	Description	Units
KBS-0006-001	repliKator high-throughput DNA stamping robot	1
KBS-0006-002	384 to 1536 tip guide	1 set of 4
KBS-0006-003	96-well non-sterile tip rack	10
KBS-0006-004	384-well non-sterile tip rack	10



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Science for a safer world

