

LuminUltra's GeneCount® Auto Purification Solutions

LuminUltra's GeneCount® Auto Purification devices enable increased throughput of purified RNA, ready for assay, in less than an hour. Choose between the E-32 or the E-96 depending on capacity needs.

The GeneCount® E-series were developed to complement your lab's existing GeneCount® qPCR workflow — improving efficiency, providing trustworthy and reproducible results, and reducing the risk of human error.



Key Benefits

- Optimized workflow: Automates the most labor-intensive step of the testing protocol, freeing up time and resources
- High throughput: Run up to 32 or 96 samples at a time, depending on device
- User friendly interface: Displays all running programs and parameters
- Highly efficient: Dependent on device, extract 32 or 96 samples in less time than traditional methods
- Standardized methodology: Reduce the potential for human error and enjoy the confidence of knowing that you're extracting the same RNA every time
- Safety: UV light technology ensures built-in sanitization and cleaning

Key Benefits

Specification	E-32	E-96
Sample capacity	1 - 32	1 - 96
Sample processing capacity	20 ~ 1000µl	10 ~ 1000µL
Consumables	96 Deep well Plate + 8-strip Tip	96 Deep well Plate + 96-tips comb
Well yield uniformity	CV < 3%	
Magnetic beads recycling efficiency	≥ 98%	≥ 99%
Operating temperature	10°C ~ 30°C	10°C ~ 40°C
Operating humidity range	20% - 70%	≤ 85%
Heating temp control range Lysis heating temp @ room temp	+ 5°C ~ 125°C	+10°C ~ 120°C
Elution heating temp @ room temp	+ 5°C ~ 125°C	+10°C ~ 120°C
Mixing	Multiple modes, multiple-speed, adjustable	
Disinfection/decontamination method	UV Light	
Reagent type	Magnetic beads based reagent	
Communication interface	USB Compatible	
Power supply	AC100-240V, 50Hz/60Hz, 600W	AC 100-240V, 50Hz/60Hz, 1000W
Dimensions	43cm x 40cm x 44cm	91cm x 50cm x 57cm
Weight	32.5kg	81.5kg

All devices are CE, RoHS and WEEE Certified

Ask about our GeneCount® RNA Isolation Kits, which include:

- Binding Bead Mix
- Wash Solution 1 Concentrate
- Wash Solution 2 Concentrate
- Elution Buffer NA
- Filtered Pipet Tips
- Nuclease-Free Water
- Training and ongoing support from our applications experts