

800 Samples/8hr



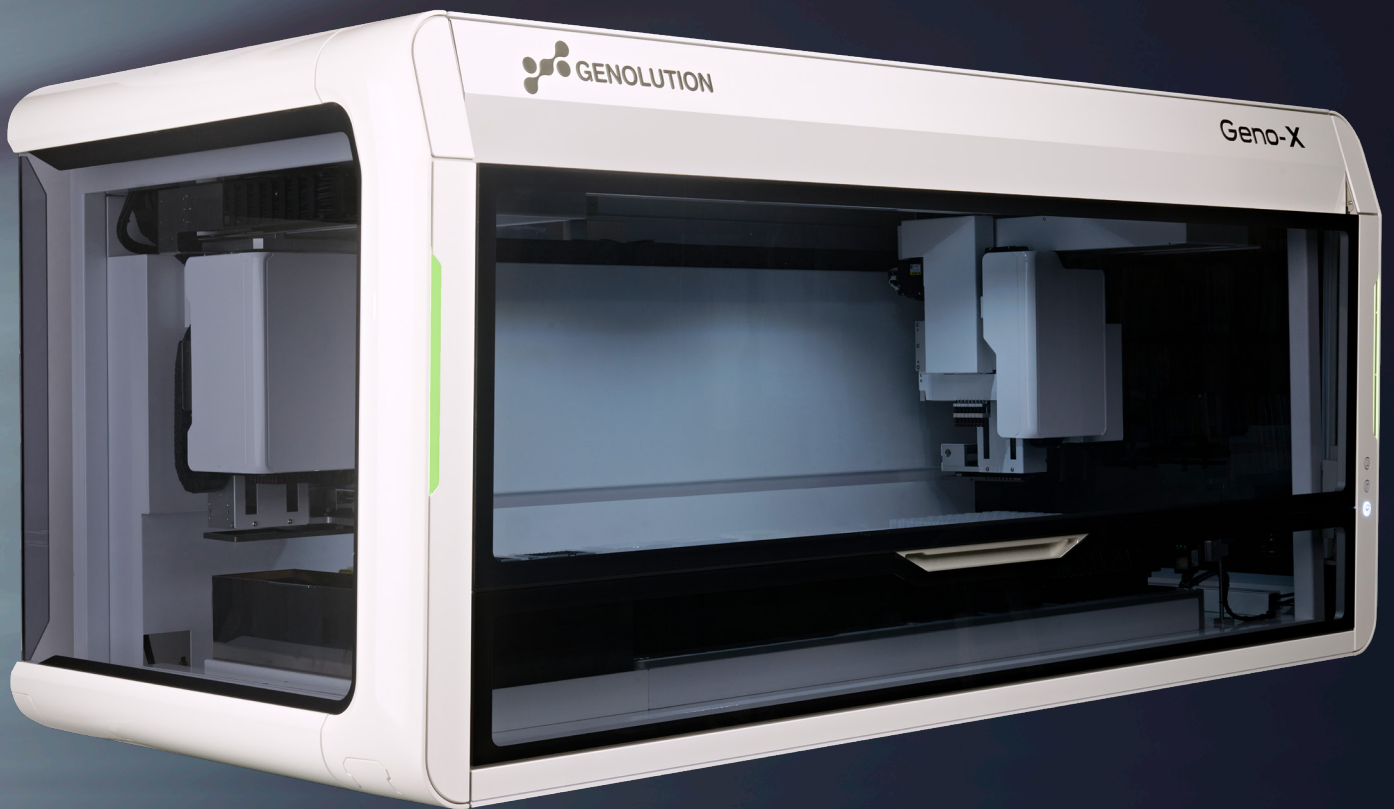
192 samples every 2 hours

It may differ depending on the applied protocol. Turnaround Time is generally 1 to 2 hours



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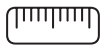
Inquiries
sales@genolution1.com



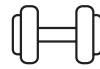
High-Throughput NA Extraction and PCR set-up Simultaneously

Geno-Xtreme

Specifications



Dimensions (H × W × D)
92.2 cm x 216 cm x 104.7 cm



Weight
500 kg



Sample barcode reading capability
yes



Maximum sample capacity
192 Sample/Run



Extraction & PCR Set-up
2 hr - 2 hr 30 minutes
(Depends on the protocol)



Status LED of both Sidebar type
Red : Error
Yellow : Ready
Green : working



Pipetting Method
Air displacement

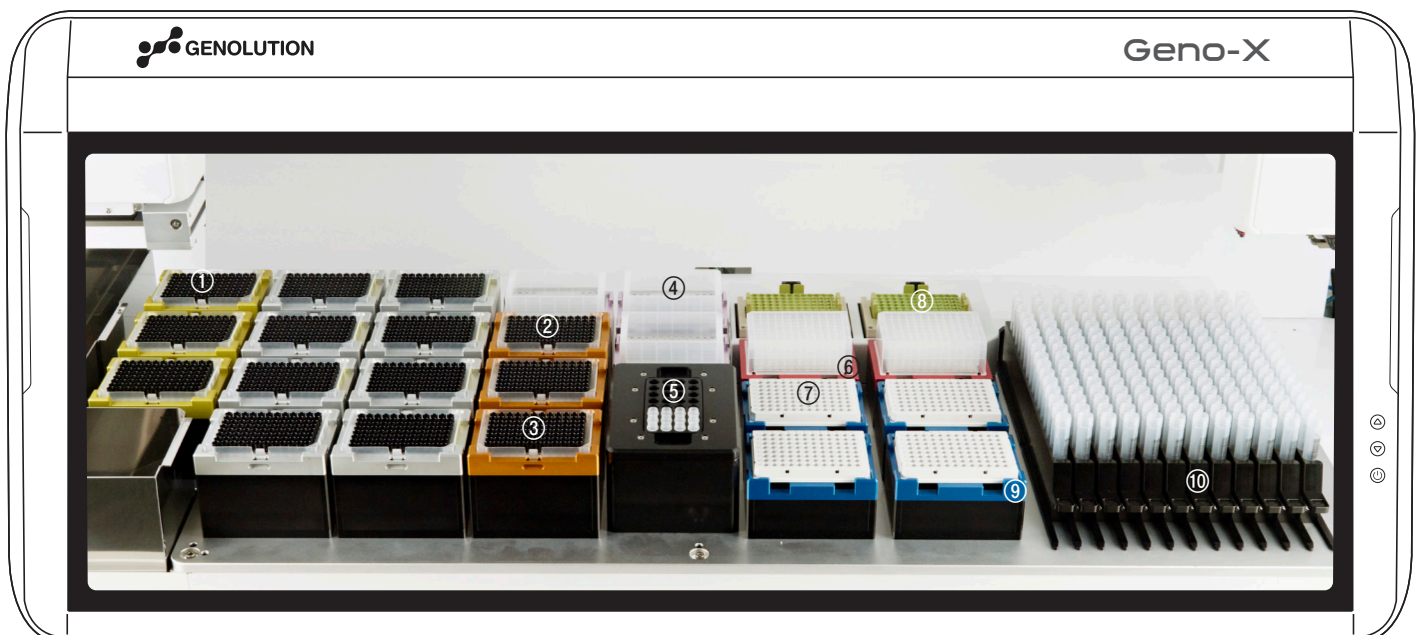


Technical parameters
Power : 100 - 240 VAC, 50/60 Hz
Heating range : 5 ~ 40 °C
UV sterilization



Maximum Pipetting Range
250 μ l

Contents



- ① 300 μ L tip tray
- ② 300 μ L tip tray
- ③ 1000 μ L tip tray

- ④ Reservoir
- ⑤ Cooling position
- ⑥ Magnetic Plate

- ⑦ Elution
- ⑧ Heat & Shake
- ⑨ PCR master mix

- ⑩ Sample tube rack
(1 line : 16 sample tube)

Dual Script

What truly sets our instrument apart is the revolutionary Dual script functionality. This unique feature is that it performs a PCR set-up during extraction. Experience the convenience of multiple actions taking place concurrently, without compromising precision and accuracy.

With our instrument's Dual script capability, you will witness a paradigm shift in your laboratory's productivity. By automating and synchronizing these critical steps, we have eliminated human error and minimized hands-on time.

Spend less time on laborious manual tasks and more time on groundbreaking discoveries.

Unlock new efficiencies and accelerate your research progress with the power of the Dual script feature. Experience the speed, convenience, and precision that our instrument offers. Elevate your research capabilities and pave the way for extraordinary breakthroughs.

8 channel pipette



96 channel pipette



Pipette accuracy range

8 channel pipette

	Target Volume	CV(%)
50 μ l tip	10 μ l	2.00%
300 μ l tip	100 μ l	0.75%
	150 μ l	0.75%
	200 μ l	0.75%

96 channel pipette

	Target Volume	CV(%)
300 μ l tip	10 μ l	2.00%
	100 μ l	1.00%