Name	Item NO.
MGISP-Smart 8	900-000503-00
Automated Quantitative and Pipetting Accessory	510-003583-00

MGISP-Smart 8

automated quantification and liquid handling system

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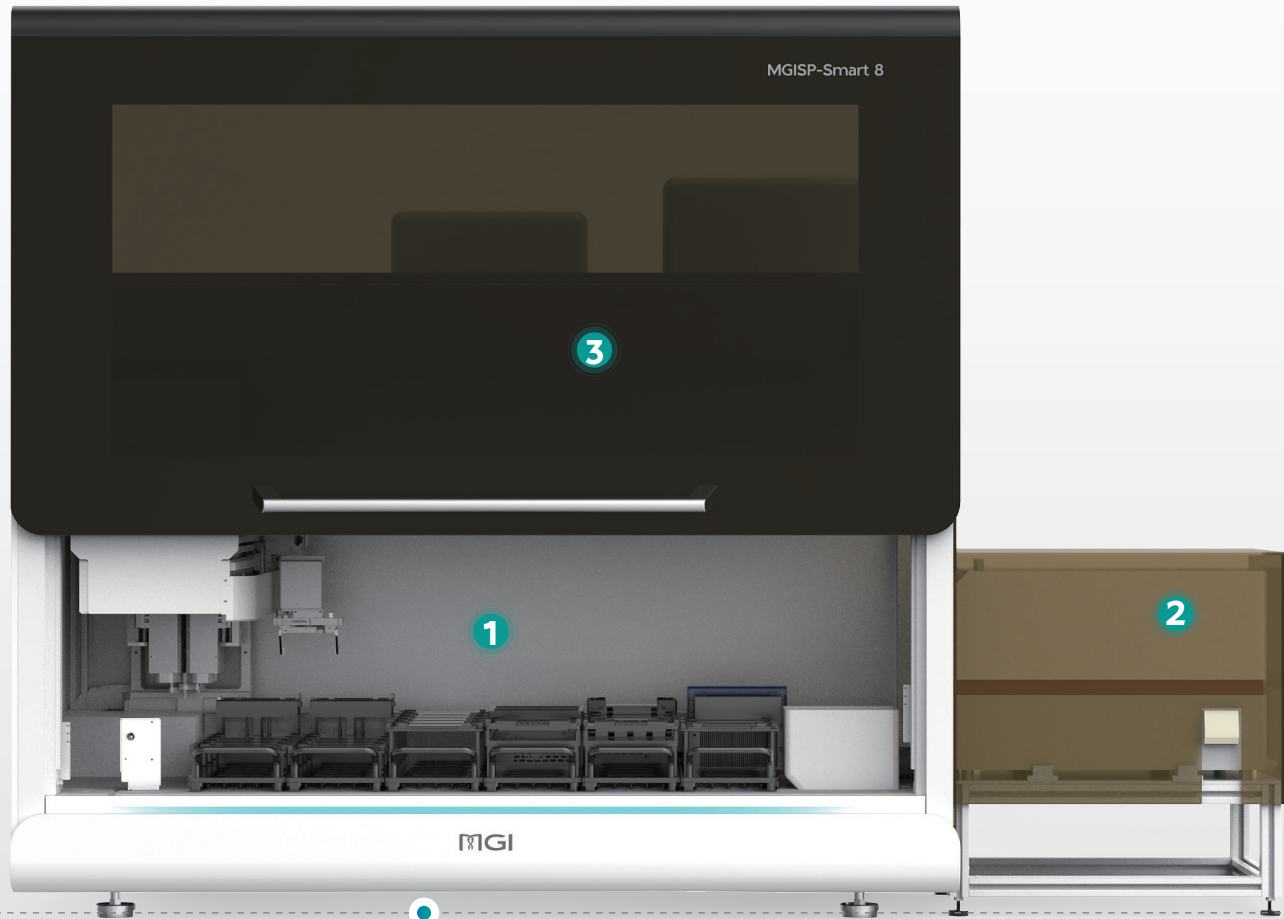
Fully automated quantification and pipetting

The MGISP-Smart 8 automated quantitative pipetting system consists of the MGISP-Smart 8, an microplate reader and ZLES software for automated quantification and normalization or quantification and Pooling.
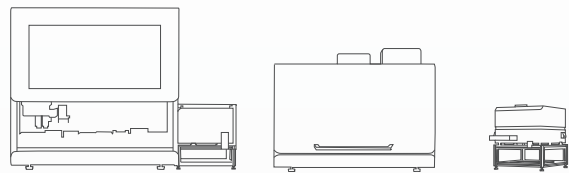
① MGISP-Smart 8
Reagent Preparation

② Microplate Reader
Quantification

③ ZLES Automated Quantitative Pipetting System
Control software

MGISP-Smart 8

③

①

②

MGI

Whole process automation

- Reagents preparation
- Automated Quantification
- Automated verification
- Automatic calculation of CSV tables
- Automated normalization
- Automated Pooling

Preparation of standard quantification system ①

Quantification of standard ②

normalization/ Pooling ⑥

Automatic calculation of CSV tables ⑤

Preparation of samples quantification system ③

Quantification of samples ④

User-friendly software

- **Clear guidelines:** three simple steps to complete the experiment setting.
- **User management:** It allows users to set different permissions according to their experimental scenarios.
- **Automatic information processing:** It supports concentration verification of reagents after quantification, in addition, it supports automatic formation of CSV tables.

① Selecting experimental samples

② Inputting the experiment information

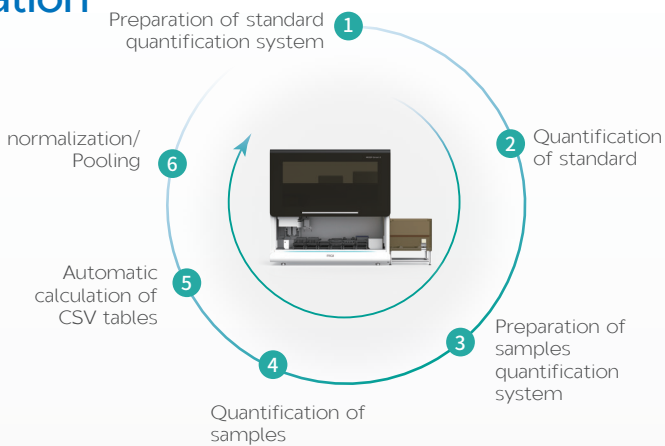③ Confirming the experiment information

44 mins running time

1~96 Samples/Run flexible throughput

The MGISP-Smart 8 automated quantitative pipetting system enables a fully automated process of quantification and normalization or quantification and Pooling for PCR libraries, DNB samples and extracted gDNA.

In addition, this system can also be applied in library preparation to automate the whole process.

PCR library → DNB sample → Extracted gDNA → MGISP-Smart 8 Automated Quantitative Pipetting System → The product of Pooling/ normalization

For research use only. Not for use in diagnostic procedures.