



Designed for You

MGISP-960

High-throughput Automated Sample Preparation System



Flexible Customization

96 channel pipetting head, customized configurations for different application.



Easy to Operate

Fully automated workflow and easy-to-use UI makes everyone an expert.



Varied Applications

Applications appropriate for genomics, cell biology, drug discovery, protein science, analytical chemistry, etc.



Safe & Stable

Closed-door workplace with UV light and a high-efficiency filter to protect samples from aerosol contamination and protect operators.

Product Composition

HEPA system, positive pressure, 99.995% at 0.3 μm .

96 channel pipette, the volume range is 2ul-200ul.

Microplate gripper, can move consumables between different positions.

Microplate shaker, is compatible with a variety of plate types, and can mix the reagents and samples effectively with a 100-2000 rpm rotation speed.

Magnetic Rack, equipped with 2 high-efficient 96-well magnetic racks, can extract and purify nucleic acid on Beads.

Temperature control module, accurate temperature control, range from 4°C to 90°C.

UV disinfection, integrated 3 UV lamps to ensure all spaces of the instrument receives the same level of UV.



Product Configuration Selection

| Product Configuration | Module Name* | | | | | | | | Application |
|-----------------------|--------------|-----------------|--------|----------------------------|-----------------|----------------|------------------|-------|---|
| | PCR Module | Magnetic Frame* | Shaker | Temperature Control Module | Higher Position | Lower Position | Standard Postion | Trash | |
| Configuration 1 | 1 | 2 | 1 | 1 | 1 | 1 | 14 | 1 | For WGS/RNA/NIPT library Preparation (96/run) and Extraction(192/run) |
| Configuration 2 | 1 | 2 | 1 | 2 | 1 | 1 | 13 | 1 | For WGS/RNA/NIPT/ WES library Preparation (96/run) and Extraction (192/run) |
| Configuration 3 | | 2 | 1 | | | | 21 | | For DNA Purification on Beads(192/run) |
| Configuration 4 | | | | | 1 | | 22 | 1 | |
| Configuration 5 | 1 | 1 | 1 | | 1 | 1 | 16 | 1 | |
| Configuration 6 | | 1 | 1 | 2 | | | 19 | 1 | |
| Configuration 7 | 1 | 1 | 1 | 1 | 1 | 1 | 15 | 1 | For WGS/NIPT library Preparation (96/run) and Extraction(96/run) |
| Configuration 8 | 1 | 1 | 1 | 1 | | | 18 | | |
| Configuration 9 | | 2 | 1 | 1 | | | 20 | | For Extraction(192/run) and DNA Purification on Beads(192/run) |
| Configuration 10 | 1 | 1 | 1 | 2 | | | 17 | | |
| Configuration 11 | | 2 | | | 1 | | 20 | 1 | |

*Microplate gripper, UV disinfection lamps and high efficiency filter are indispensable

*Magnetic Frame here is for deepwell plate

*configuration 4/5/6/8/10/11 are only customized for several customers without specialized application

Configuration Details

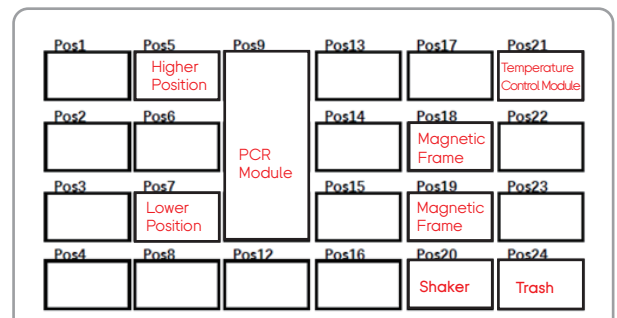


Configuration 1

Configuration1-MGISP-960, 1 PCR+1 Shaker+2 Magnetic frames+1 Temperature control module+1 Higher position+1 Lower position+ 1 Trash

Application: For WGS/RNA/NIPT library Preparation (96/run) and Extraction(192/run)

| Item No. | Product Name |
|---------------|------------------------------------|
| 900-000146-00 | Configuration1-MGISP-960 (CE, RUO) |
| 900-000157-00 | Configuration1-MGISP-960 (CE, IVD) |



*Standard Position set on blank position

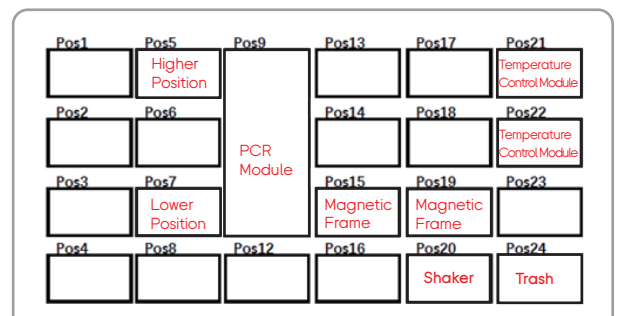


Configuration 2

Configuration2-MGISP-960, 1 PCR+1 Shaker+2 Magnetic frames+2 Temperature control modules+1 Higher position+1 Lower position+ 1 Trash

Application: For WGS/RNA/NIPT/WES library Preparation (96/run) and Extraction(192/run)

| Item No. | Product Name |
|---------------|------------------------------------|
| 900-000147-00 | Configuration2-MGISP-960 (CE, RUO) |
| 900-000158-00 | Configuration2-MGISP-960 (CE, IVD) |



*Standard Position set on blank position

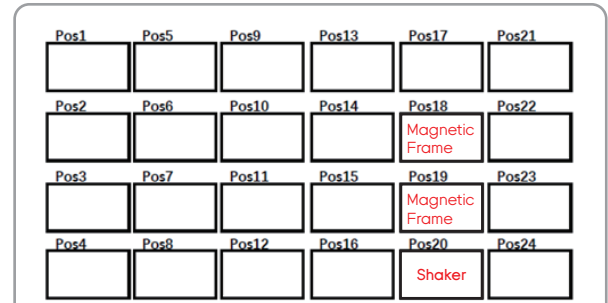


Configuration 3

Configuration3-MGISP-960, 2 Magnetic frames+1 Shaker

Application: For DNA Purification on Beads(192/run)

| Item No. | Product Name |
|---------------|------------------------------------|
| 900-000148-00 | Configuration3-MGISP-960 (CE, RUO) |
| 900-000159-00 | Configuration3-MGISP-960 (CE, IVD) |



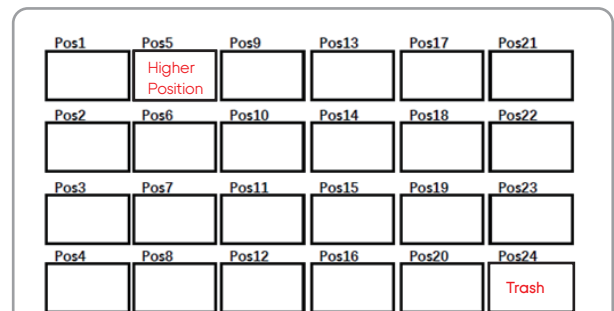
*Standard Position set on blank position



Configuration 4

Configuration4-MGISP-960, 1 Higher position+ 1 Trash

| Item No. | Product Name |
|---------------|------------------------------------|
| 900-000149-00 | Configuration4-MGISP-960 (CE, RUO) |
| 900-000160-00 | Configuration4-MGISP-960 (CE, IVD) |



*Standard Position set on blank position

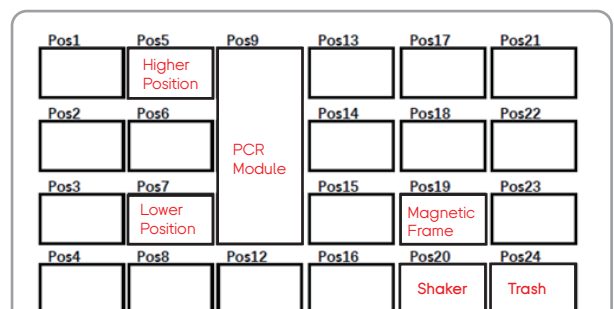


Configuration 5

Configuration5-MGISP-960, 1 PCR+1 Shaker+1 Magnetic frames+1 Higher position+1

Lower position+ 1 Trash

| Item No. | Product Name |
|---------------|------------------------------------|
| 900-000150-00 | Configuration5-MGISP-960 (CE, RUO) |
| 900-000161-00 | Configuration5-MGISP-960 (CE, IVD) |



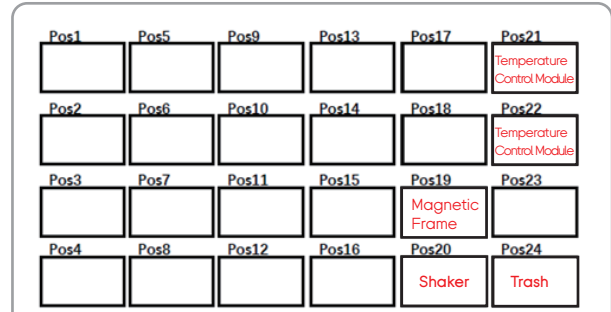
*Standard Position set on blank position



Configuration 6

Configuration6-MGISP-960, 1 Shaker+1 Magnetic frame+2 Temperature control modules+ 1 Trash

| Item No. | Product Name |
|---------------|------------------------------------|
| 900-000151-00 | Configuration6-MGISP-960 (CE, RUO) |
| 900-000162-00 | Configuration6-MGISP-960 (CE, IVD) |



*Standard Position set on blank position

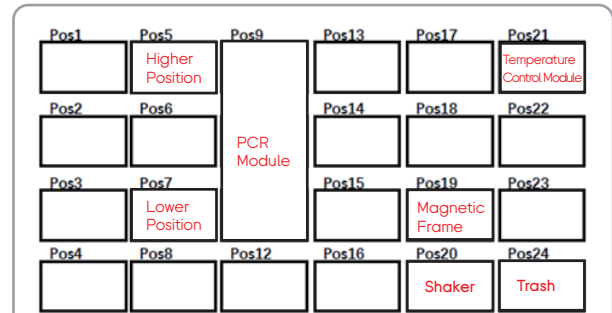


Configuration 7

Configuration7-MGISP-960, 1 PCR+1 Shaker+1 Magnetic frame+1 Temperature control module+1 Higher position+1 Lower position+ 1 Trash

Application: For WGS/NIPT library Preparation (96/run) and Extraction(96/run)

| Item No. | Product Name |
|---------------|------------------------------------|
| 900-000152-00 | Configuration7-MGISP-960 (CE, RUO) |
| 900-000163-00 | Configuration7-MGISP-960 (CE, IVD) |



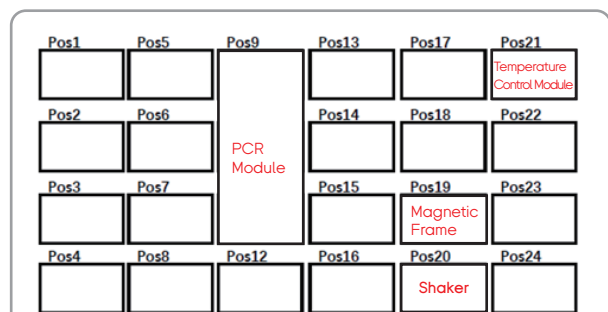
*Standard Position set on blank position



Configuration 8

Configuration8-MGISP-960, 1 PCR+1 Shaker+1 Magnetic frame+1 Temperature control module

| Item No. | Product Name |
|---------------|------------------------------------|
| 900-000153-00 | Configuration8-MGISP-960 (CE, RUO) |
| 900-000164-00 | Configuration8-MGISP-960 (CE, IVD) |



*Standard Position set on blank position

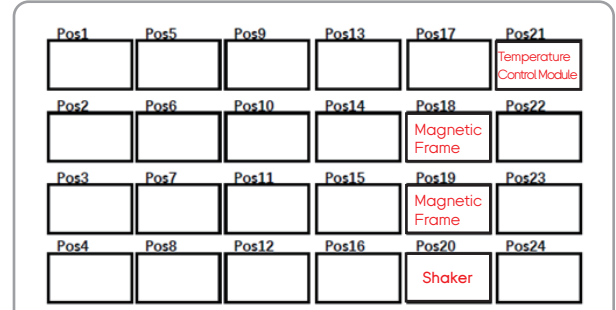


Configuration 9

Configuration9-MGISP-960, 2 Magnetic frames+1 Shaker+1 Temperature control module

Application: For Extraction(192/run) and DNA Purification on Beads(192/run)

| Item No. | Product Name |
|---------------|------------------------------------|
| 900-000154-00 | Configuration9-MGISP-960 (CE, RUO) |
| 900-000165-00 | Configuration9-MGISP-960 (CE, IVD) |



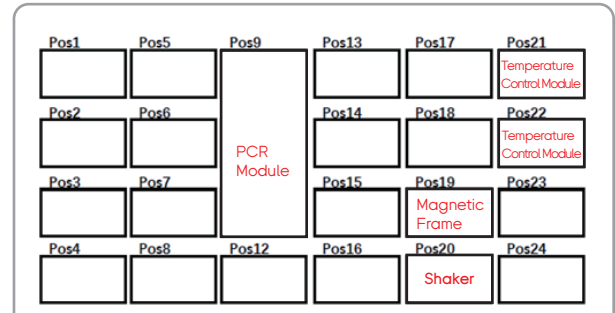
*Standard Position set on blank position



Configuration 10

Configuration10-MGISP-960, 1 PCR+1 Shaker+1 Magnetic frames+2 Temperature control modules

| Item No. | Product Name |
|---------------|-------------------------------------|
| 900-000155-00 | Configuration10-MGISP-960 (CE, RUO) |
| 900-000166-00 | Configuration10-MGISP-960 (CE, IVD) |



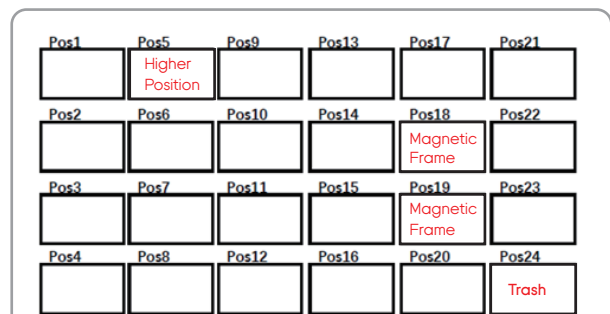
*Standard Position set on blank position



Configuration 11

Configuration11-MGISP-960, 2 Magnetic frames+1 Higher position+1 Trash

| Item No. | Product Name |
|---------------|-------------------------------------|
| 900-000156-00 | Configuration11-MGISP-960 (CE, RUO) |
| 900-000167-00 | Configuration11-MGISP-960 (CE, IVD) |



*Standard Position set on blank position

Ordering Information

| Configuration | Item No. | |
|---------------------------|---------------|---------------|
| | CE IVD | CE RUO |
| Configuration1-MGISP-960 | 900-000157-00 | 900-000146-00 |
| Configuration2-MGISP-960 | 900-000158-00 | 900-000147-00 |
| Configuration3-MGISP-960 | 900-000159-00 | 900-000148-00 |
| Configuration4-MGISP-960 | 900-000160-00 | 900-000149-00 |
| Configuration5-MGISP-960 | 900-000161-00 | 900-000150-00 |
| Configuration6-MGISP-960 | 900-000162-00 | 900-000151-00 |
| Configuration7-MGISP-960 | 900-000163-00 | 900-000152-00 |
| Configuration8-MGISP-960 | 900-000164-00 | 900-000153-00 |
| Configuration9-MGISP-960 | 900-000165-00 | 900-000154-00 |
| Configuration10-MGISP-960 | 900-000166-00 | 900-000155-00 |
| Configuration11-MGISP-960 | 900-000167-00 | 900-000156-00 |

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