MGI Automated Pipetting Systems Comparison

Find the perfect fit for automating your NGS workflow

	MGISP-100	MGISP-Smart 8	MGISP-960
Pipetting channel	Fixed 8-channel pipette	Independent 8-channel pipette	Fixed 96-channel pipette
Throughput	8 or 16 Samples/Run*	1-48 Samples/Run*	96 Samples/Run*
Pipetting range	1-200 µL	1-1000 µL	1-200 µL

*The numbers were calculated based on the throughput of library preparation

NGS Applications

	MGISP-100	MGISP-Smart 8	MGISP-960
Large WGS (human, plant, animal)		★ Pooling, Normalization and Quantification**	★
Low Pass WGS	★		★
Small WGS (microbe, virus)	★	★	★
Exome & Large Panel Sequencing		★	★
Targeted Gene Sequencing	★	★	★
Single-Cell Profiling	★		
Transcriptomic Sequencing	★	★	★
Methylation Sequencing	★		★
16S Metagenomic Sequencing	★		★
Metagenomic Profiling	★	★	★
Spatial Transcriptomics	★	★ Customized MGISP-Smart 8 for automated processing of FFPE samples	

**Integrated with a third-party quantification instrument

Contact: info@mgi-tech.eu

Website: https://mgi-tech.eu/en

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