

# HANABI-PIII Plus

## Metaphase Chromosome Harvester



ADS Biotec offers the most advanced and state-of-the-art technology in cytogenetics automation. The HANABI-PIII Plus Metaphase Chromosome Harvester is designed for today's cytogenetic laboratories requiring increased productivity and throughput with consistent, professional quality you demand every time.

The HANABI-PIII Plus benchmark technology fully automates the multi-step process of preparing and harvesting metaphase cells derived from blood and bone marrow cell cultures, and from other cell suspension cultures for cytogenetic analysis.

Specifically created for large-size samples throughput, the HANABI-PIII Plus enables processing of up to 64 suspension cultures per run and eliminates variability compared to manual processing methods.

### Features and Benefits

- Increased laboratory productivity
- Automated sample processing
- 64 sample walk-away harvesting capability
- Highly consistent results
- Touch screen control panel
- 6 adjustable protocols
- Increased sample loading efficiency by 80%
- Hypotonic setting time flexibility
- Optimized for high volume bone marrow samples
- Low maintenance and ease of use
- Designed to allocate our SPI Auto-fixative mixer
- Additional options available



*Increased Productivity with High Quality and Consistency*

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Metaphase Chromosome Harvester



## Specifications

Items	Specifications	Remarks
Number of Samples	Maximum 64 samples	1 to 64 samples
Harvester processing time per run	Approximately 2.5 hours	Maximum time in hypotonic solution for 64 samples in 30 minutes
Centrifuge	1 to 10 minutes at 1,000 rpm	Approximately 310 force
Hypotonic and fixative solution	75 mM KCl and Acetic acid: Methanol, 1:3	Other hypotonic and fixative solutions can also be used
Centrifuge chamber	Temperature ambient to 37°C	Programmable temperature
Operating Environment	15 – 30°C 20 – 60% relative humidity	Temperature of hypotonic solution can be warmed to 37°C, and fixative can be chilled on ice
Centrifuge tube	15 mL	Conical polypropylene tube
Culture cell volume	Maximum 10 mL	Typical 5 mL
External Size mm (W x H x D)	1,005 x 2,200 x 730	
Weight	480 kg	
Safety Filter	HEPA + Carbon filter	European version only
Safety Standard	CE marked	EN61010-1, EN61000-4

## Related Products

SPI Automated Fixative Mixing Module (Gallon Type)	Available as optional
Sample Loading Optimization Rack	Available as optional

## Ordering Information

Product Description	Catalog Number
HANABI-PIII Plus Metaphase Harvester	HCMH-99-003P-B

## Contact Information



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