

HANABI

Metaphase Chromosome Harvesters



Specifications

Number of Samples	
PI	1 to 16 samples
PII Plus	1 to 24 samples
PIII Plus	1 to 64 samples
Culture cell volume	Typical 5-12 mL
Number of Programmable Protocols	
PI	Approximately 1.5 hours
PII Plus	Approximately 2.0 hours
PIII Plus	Approximately 2.5 hours
Centrifuge	
PI	1 to 10 minutes at 1,500 rpm – Approximately 370 g force
PII Plus	1 to 10 minutes at 1,500 rpm – Approximately 320 g force
PIII Plus	1 to 10 minutes at 1,500 rpm – Approximately 310 g force
Centrifuge tube size	15 ML
Centrifuge tube options	Falcon, Corning, Nunc, Sarstedt (Polypropylene)
Centrifuge chamber temperature	Programmable temperature- ambient to 40 °C
External size (W x H x D)/Weight	
PI	850 (mm/W) x 1,600 (mm/H) x 700 (mm/D), Approximately 250 kg
PII Plus	850 (mm/W) x 1,600 (mm/H) x 750 (mm/D), Approximately 300 kg
PIII Plus	1,005 (mm/W) x 2,200 (mm/H) x 730 (mm/D), Approximately 480 kg
Hypotonic and Fixative Solution	
75 mM KCl and Acetic acid: Methanol, 1:3	Other hypotonic and fixative solutions can also be used
Operating Environment	
Temperature of hypotonic solution- 15 to 30 °C, can be warmed to 37 °C, and fixative can be chilled on ice	
Relative humidity- 20 to 60%	

HANABI

Metaphase Chromosome Harvesters



Ordering Information

Product Description	Catalog Number
HANABI-PI Metaphase Chromosome Harvester	HCMS-99-00P1-B
HANABI-PII Plus Metaphase Chromosome Harvester	HCMS-99-0002-B
HANABI-PIII Metaphase Chromosome Harvester	HCMS-99-003P-B

Contact Information



ADS Biotec Limited
40 Watt Road Hillington
Park Hillington, Glasgow,
UK G52 4RY

Phone: +44 (0)141 892 8800
Fax: +44 (0)141 883 5967
Email: info@adsbiotec.com
Web: www.adsbiotec.com

Increased Productivity with High Quality and Consistency

Fully Automated Chromosome Harvesting

The HANABI Metaphase Chromosome Harvesters fully automate chromosome harvesting enabling your laboratory to realize increased productivity with consistent quality. Walk away reliability and low maintenance reduce FTE time associated with the manual harvesting process by up to 75%.

Features and Benefits

- Increased laboratory productivity
- Walk-away harvesting capability
- Automated sample processing: Centrifugation, Vortexing, Aspiration, Injection
- Highly consistent results
- Touch screen control panel
- 6 adjustable harvesting protocols
- Low maintenance and ease of use
- Additional options available



ADS Biotec offers three harvester platforms to meet the requirements of small to large sample throughput laboratories.

- HANABI PI – sample throughput up to 16 samples
- HANABI PII Plus – sample throughput up to 24 samples
- HANABI PIII Plus – sample throughput up to 64 samples



HANABI Metaphase Chromosome Harvesters Fully Automated Process

