

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 5-10 mL	
Number of Programmable Protocols/Harvest Time		
PI	6/Approximately 1.5 hours	
PII Plus	6/Approximately 2.0 hours	
PIII Plus	6/Approximately 2.5 hours	
Centrifuge		
PI	1 to 15 minutes at 1,400 rpm – Approximately 370 g force	
PII Plus	1 to 15 minutes at 1,200 rpm – Approximately 320 g force	
PIII Plus	1 to 15 minutes at 1,000 rpm – Approximately 310 g force	
Centrifuge tube size	15 mL	
Centrifuge tube	Falcon	
Centrifuge chamber temperature	Programmable temperature – ambient to 40° C	
Dimensions (Approximate)	External Size W x D x H mm/in (with filters)	Weight kg/lbs
PI	1,020 mm/40 in x 700 mm/28 in x 2,000 mm/79 in	320 kg/706 lbs
PII Plus	1,020 mm/40 in x 700 mm/28 in x 2,000 mm/79 in	320 kg/706 lbs
PIII Plus	1,010 mm/40 in x 730 mm/29 in x 2,200 mm/87 in	480 kg/1,056 lbs
Hypotonic and Fixative Solution		
We offer a full range of reagents for the HANABI Harvesters: CytoFlex™ HYPO Potassium Chloride Solution CytoFlex™ HYPO Sodium Citrate Solution FixativePak™ — Methanol & Acetic Reagent Fixative Pack Methanol, Reagent Grade Acetic Acid, Glacial		

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%

Order Information

Product Description	Catalogue Numbers
HANABI Metaphase Chromosome Harvester Model	
PI	HCMH-99-00P1-A
PII Plus	HCMH-99-0002-A
PIII Plus	HCMH-99-003P-A



Contact Information

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HANABI Metaphase Chromosome Harvesters

Increased Productivity with High Quality and Consistency

Fully Automated Chromosome Harvesting

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
- Six adjustable harvesting protocols
- Low maintenance and ease-of-use
- Additional accessories available



Platforms

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 Programmable Automated Process

