

HANABI-PV

Metaphase Auto-Spreader Mini



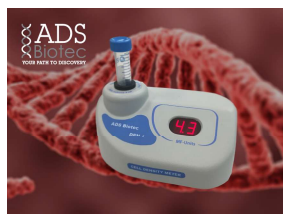
ADS Biotec offers the most advanced and state-of-the-art technology in cytogenetics automation.

The HANABI-PV Metaphase Auto-Spreader Mini is an automated instrument designed especially for small to mid-size labs — processing up to 10 samples or 20 slides per run. The HANABI-PV Metaphase Auto-Spreader Mini fits on a benchtop making it ideal for small spaces.

The HANABI-PV Metaphase Auto-Spreader Mini allows for optimization of environmental conditions for the preparation of metaphase chromosome spreads. Temperature, humidity and airflow are set and rapidly stabilize thus ensuring that when chromosomes are dropped and spread on microscope slides, they are dried in a consistent and reproducible manner. Excess spreading and chromosome overlaps are minimized, facilitating better yields of metaphase analysis. The sample tubes and the slides are tracked by bar codes (unique feature). The chromosome spreading process for conventional FISH, CGH and G-banding analysis of samples derived from blood cells or bone marrow samples is now more streamlined and consistent. Protocols requiring that cells and chromosomes are spread on the entire slide can be achieved using an optional tilted slide block.

Features and Benefits

- Increased Laboratory Productivity
- Bar code reading unique feature
- Benchtop size
- 10 samples/ 20 slides walk-away capability
- Touch screen control panel
- Cell suspensions measurement (optional)
- Low maintenance and ease of use



Increased Productivity with High Quality and Consistency

Specifications

Items	Specifications	Remarks
Number of Samples	10 samples	Labeling Code
Number of Slides	20 slides	Labeling Code
Size of Sample Tube	15 mL conical tube	D=17mm, PP, PS
Slide Glass	76 x 26 (t+0.8-1.2) mm	76 x 26, 75 x 25
Dispenser Tip	Gilson D200	Uses 200 µL tip
Sample Volume	0.2 – 0.4 mL	
Fixative Solution Volume	0.2 – 0.4 mL	
Dropped Volume of Sample	0 – 40 µL/spot	2 spots mode: 0 – 40 µL /spot
Dropped Volume of Fixative	0 – 40 µL/spot	2 spots mode: 0 – 40 µL /spot
Number of Spot(s) per slide	1 – 2	
Processing Time	20 minutes (approx.)	10 samples, 20 slides
Tilting Base	5/10/15 degrees	Using Tilting mode (optional)
Dry-Index Settings	6 – 12	
Bar Code Reader	30 digits (max)	Compatible with different styles of bar-codes.
Operating Environment	15 – 25°C, 20 – 60% relative humidity	Non-condensing
Storage Environment	0 – 40°C, 9 – 95% relative humidity	Non-condensing, non-icing
Atmospheric Pressure	800 – 114 hPa	2,000 meters or lower
Power Input Voltage	100, 120, 230VAC, (+/- 10%)	50/60 Hz
Power Consumption	800VA	
External Size mm (W x H x D)	700 x 800 x 600	Without door knob and switches
Weight	65 Kg (approx.)	
Safety Filter	HEPA + Carbon filter	European version only
Safety Standard	CE marked	EN61010-1, EN61000-4

Ordering Information

Product Description	Catalog Number
HANABI-PV Metaphase Auto-Spreader Mini	HCMS-99-0005-B
Densitometer for round bottom tubes; with tube adaptor	LUP107

Contact Information



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