

HANABI P7

High-Capacity Metaphase Auto Spreader

ADS Biotec offers the most advanced and state-of-the-art technology in cytogenetics automation. The **HANABI P7** Automated High-Capacity Metaphase Spreader is a benchtop device that offers the best control to spread cell suspensions with the capability of processing up to 24 samples per run and up to 72 slides in under an hour. Provides high throughput for your laboratory making consistent the chromosome metaphase specimen slides analysis.

The **HANABI P7** Automated High-Capacity Metaphase Spreader has been designed to provide optimized environmental conditions for metaphase chromosome spread preparations. Over completely controlled environment, temperature, humidity, and airflow are set and rapidly stabilized so when chromosomes are dropped and spread on microscope slides, they are dried in a consistent and reproducible manner. Excessive spreading and chromosome overlaps are minimized, giving rise to better yields of analyzable metaphases. The chromosome spreading process for conventional G-banding (or equivalent) and FISH analysis of samples derived from blood cells or bone marrow samples, is now more streamlined and can easily be carried out regardless of skill level.

Features and Benefits

- 24 samples per run with 72 slide capacity in under an hour
- Highly consistent spreading results
- Low maintenance and ease of use
- Benchtop device
- Increased yield of analyzable metaphases over traditional methods
- Completely controlled environment
- Samples dropping volume: 0-50 μ L per sample
- 12" Windows color touch control panel
- HSI System Interface
- Increased Laboratory productivity



Increased Productivity with High Quality and Consistency

Specifications

Items	Specifications
Number of Samples	24 tubes
Number of Slides	72 Slides
Size of Sample Tube	15 mL Falcon tube
Slide Glass	76 x 26 (t=0.8 - 1.2) mm
Dispenser	2
Dispenser Tip	2 x 96 (200µL tips)
Samples Volume	0.2 - 4.0 mL
Dropping Volume of Sample	0 - 50 µL
Number of Spot	1
Processing Time	1 hour approximately
Dry-Index	4 - 12
Drying Time	0 - 9.9 min
Number of Protocol	6
Code Reader	30 digits
Operating Environment	18-25° C, 20-60%RH
Storage Environment	0 - 40° C
Power Input Voltage	100 - 240 VAC 50 / 60 Hz
Power Consumption	500 W
External Dimensions	1200 mm (W) x 920 mm (D) x 1100 mm (H)
Weight	150 kg
Touch Panel	12 inch color, windows
Safety Filter	HEPA and Carbon Filter
Safety Standard	CE marked EN ISO13485:2016, EN 13641:2002, ISO 15223-1:2016, ISO 23640:2015, EN 62366:2008, EN 61326-1:2021 Class A, EN 61010-1:2012/A1/ 2019

Order Information

Product Description	Catalogue Number
HANABI P7 High-Capacity Metaphase Auto Spreader	HNB-99-00P7
HANABI-HSI-P7 - HANABI System Interface for HANABI P7	LP7A0001

Contact Information



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