

# HANABI PVI

## Metaphase Spreader

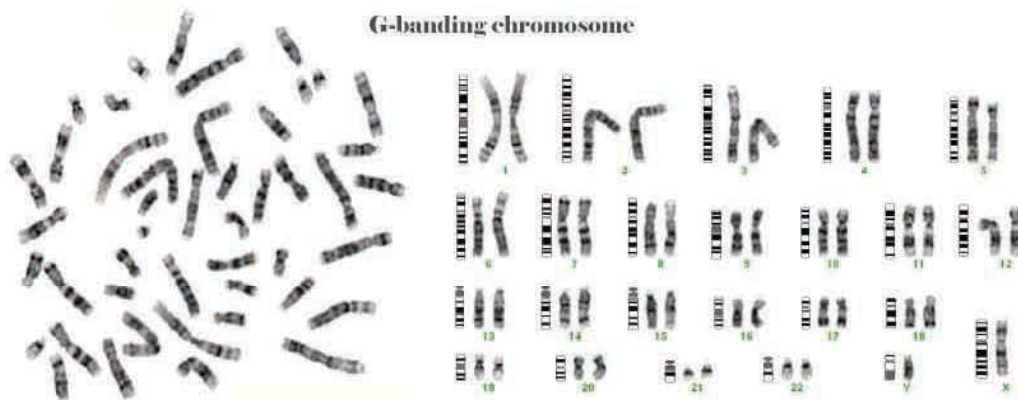
ADS Biotec offers the most advanced and state-of-the-art technology in cytogenetics automation.

The HANABI PVI Metaphase Spreader has been designed to provide optimized environmental conditions for metaphase chromosome spread preparations. 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 analysable 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.

Protocols requiring cells and chromosomes are spread on the entire slide can be achieved using the tilted slide.

## Features and Benefits

- Highly consistent spreading results
- Low maintenance and ease of use
- Smallest benchtop space requirements in the market
- Rapid, time-saving stabilization of internal environment
- Increased yield of analysable metaphases over
- Easily controlled environment
- Sample fluid volume: 10-30  $\mu\text{L}$  per sample
- New top cover design increases spreading quality
- Five slides capacity



*Increased Productivity with High Quality and Consistency*

## Specifications

Items	Specifications	Remarks
Display	Temperature base block, wall, humidifying tank, dryness level	These have offsets
Pipette	2-200 $\mu$ L tip	Pipette guide set dropping height
Dropping Volume	10 $\mu$ L-30 $\mu$ L	Can be set with pipetman
Slide Glass	76 x 26 (t+0.8-1.2) mm	
Slide Cassette	5 glass slides	1 to 5 slides can be produced at a time
Humidifying Water Tank	10 hours without refill	Continuous use
Operating Environment	15 – 25°C, 20 – 60% relative humidity	Non-condensing
Storage Environment	0 – 40°C, 10 –90% relative humidity	Non-condensing
External Size mm (W x H x D)	400 x 320 x 380 (closed) 400 x 560 x 520 (open)	Small footprint size fits on a standard laboratory benchtop.
Weight	18 Kg	
Safety Standards	CE marked	EN 61326-1; EN 61010-1

## Ordering Information

Product Description	Catalog Number
HANABI PVI Metaphase Spreader – Standard	HCMS-99-0001-B
HANABI PVI Metaphase Spreader – Tilt version	HCMS-99-0002-B

## Contact Information



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