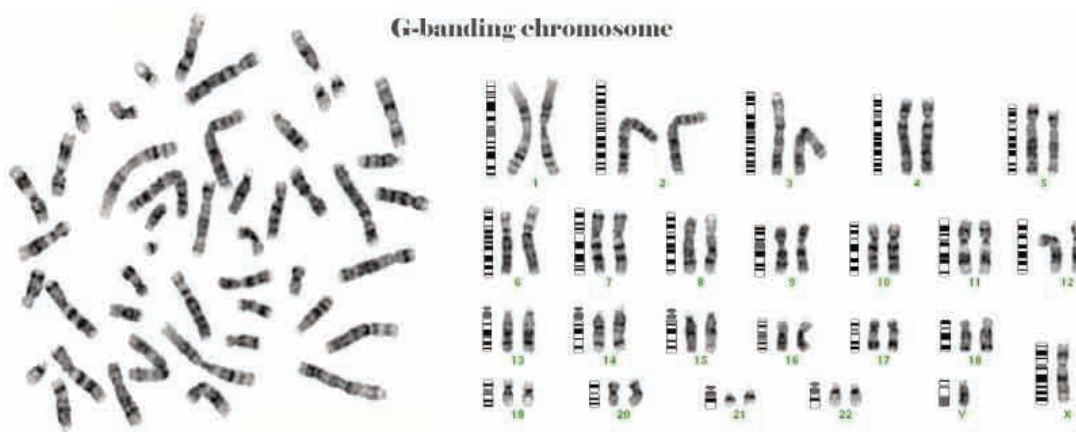


# HANABI METAPHASE SPREADER

## for Rapid Consistent Metaphase Spreads

The HANABI Metaphase Spreader has been designed to provide optimized environmental conditions for the preparation of metaphase chromosome spreads. 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 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.

Some protocols require that cells and chromosomes are spread on the entire slide and this can be achieved using a tilted slide block that is also available.



### Features and Benefits

- Consistent spreading results
- Rapid, time-saving stabilization of internal environment
- Increased yield of analyzable metaphases over traditional methods
- Easily controlled environment achieved by adjusting the dryness index
- Sample fluid volume: 10-30  $\mu$ L per sample
- Five slides can be created concurrently

## Specifications

Items	Specifications	Remarks
Display	Temperature base block, wall, humidifying tank, dryness level	These have offsets
Pipette	2-200 µL tip	Pipette guide set dropping height
Dropping volume	10 µL-30 µL	Can be set with pipetman
Slide glass	76.5 x 26.5 (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 temperature	15-25 °C	
Operating humidity	20-80% Relative humidity	Non-condensing conditions
Storage temperature	0-40 °C	
Storage humidity	10-90% Relative humidity	Non-condensing conditions
External size (W x H x D) in mm	400 x 320 x 380 (closed) 400 x 560 x 520 (open)	Small footprint size fits on a standard laboratory benchtop
Weight	18 Kg	

## Ordering Information

Product Description	Catalog Number
Standard Version	
HANABI Metaphase Spreader – US	HCMS-99-0001-A
HANABI Metaphase Spreader – Europe	HCMS-99-0001-B
Tilt Version	
HANABI Metaphase Spreader – US	HCMS-99-0002-A
HANABI Metaphase Spreader – Europe	HCMS-99-0002-B

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