

HANABI-S1020

Auto Chromosome Staining System



ADS Biotec offers the most advanced and state-of-the-art technology in cytogenetics automation. The HANABI-S1020 Auto Chromosome Staining System is designed for today's cytogenetic laboratories that require increase throughput, improving productivity resulting in consistent, high-quality slide specimens.

The HANABI-S1020 dramatically reduces the entire slide staining process from days to just minutes by incorporating a unique UV patented aging feature, resulting in a truly high-throughput, high-quality solution for staining slides. System technology fully automates the entire staining process eliminating variability compared to manual methods.

The HANABI-S1020 is capable of processing slides in batches of 20 and features a continuous loading mode allowing the operator to load another batch of slides as the first batch is being processed.

The HANABI S-1020 is easy to use with a touch screen control panel and high level commands. The instrument offers full sample traceability using a novel bar coding feature.

Like all HANABI instruments, the HANABI S-1020 is robust in design requiring low maintenance even under continuous operations.

Features and Benefits

- 20 slides walk away capability
- Continuous loading mode
- Samples traceability (optional)
- Touch screen control panel
- Low maintenance and ease of use
- UV aging unique feature
- Increased laboratory productivity



Increased Productivity with High Quality and Consistency

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Specifications

	Items	Specifications	Remarks
1	Capacity	20 slides / Batch	
2	Processing time	~30 minutes (processing 20 slides / batch, normal mode) ~60 minutes (processing 20 slides / batch, eco-mode)	Test operation mode Processing time with a single glass slide: Approximately 20 minutes
3	Size of glass slides	76×26×0.8~1.2mm, 75×25×0.8~1.2mm	Recommend glass slides with frosted end
4	Reagents	Trypsin (dip time: 3 - 30 min) Ethanol (dip time: 0 - 120 sec) Giemsa stain solution (dip time: 3 - 15 min) Water (dip time: 0 - 60 sec)	
5	Reagent Consumption	Eco-mode: Trypsin (80 ml), ethanol (80 ml), water (80ml) Normal mode: Trypsin (160 ml), ethanol (160 ml), water (160ml). Giemsa stain solution: 340ml	20 glass slides processing
6	Trypsin temperature	30°C	
7	Giemsa stain solution Bath	Exchanged each run	There is a setting of refreshing Giemsa solution per batch
8	Operating environment	15-30°C, 20-60%RH	Non-condensing
9	Storage environment	0-40°C, 0-95%RH	Non-condensing, non-icing
10	Atmospheric Pressure	800 - 1114hPa	2000 meters or lower
11	Power Input Voltage	100 - 120, 200 - 240VAC (+/-10%)	Voltage and 50/60Hz are option of the order.
12	Power consumption	800W	
13	Externals Dimensions	700×630×930mm (WxDxH)	Without switches and touch panel
14	Weight	100kg	Without attachments
15	Safety Standard	CE marked	EN 61326-1, EN 61010-1

Ordering Information

Product Description	Catalog Number
HANABI-S1020 Auto Chromosome Staining System	HCMS-99-1020

Contact Information



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