

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 increased productivity and throughput and improved 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 patented UV aging feature (patent #6146885). Aging of the slides by UV light produces consistent and high quality specimens 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 designed to radically improve the speed, efficiency and repetitive quality of cytogenetic stained slide specimens.

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.

Features and Benefits

- 20 slides walk-away capability
- Continuous loading nodes
- Samples traceability
- Touch screen control panel
- Low maintenance and ease of use
- Unique UV aging feature
- Increased laboratory productivity



CE-IVD certified for the European market.

Increased Productivity with High Quality and Consistency

Specifications

Items	Specifications	Remarks
Number of processed samples	20 slides/batch	
Processing time	~ 30 minutes (processing 20 slides/batch) ~ 60 minutes (processing 20 slides/batch, eco-mode)	Test operation mode Processing time with a single glass slide: Approximately 20 minutes
Size of glass slide	76 x 26 x 0.8~1.2 mm, 75 x 25 x 0.8~1.2 mm	Recommend glass slides with frosted end
Reagents	Trysin (dip time: 3-30 min.) Ethanol (dip time: 1-120 sec.) Giemsa stain solution (dip time: 3-15 min.) Water (dip time: 0-60 sec.)	
Reagent consumption	Eco-mode: Trysin (80 mL), ethanol (80 mL), water (80 mL) Normal mode: Trypsin (160 mL), ethanol (160 mL), water (160 mL) Giemsa stain solution: 340 mL	
Trypsin temperature	30 °C	
Giemsa stain solution bath	Exchanged each run	There is a setting of refreshing Giemsa solution per batch.
Operating environment	15-30 °C, 20-60% relative humidity	Non-condensing
Storage environment	0-40 °C, 0-95% relative humidity	Non-condensing, non-icing
Atmospheric pressure	800-1114 hPa	2,000 meters or lower
Power input voltage	100-120, 200-240 VAC (+/- 10%)	Voltage and 50/60 Hz are options of the order.
Power consumption	800 W	
External size (W x H x D)	700 x 630 x 930 mm	Without switch and touch panel
Weight	100 kg	Without attachments
Safety standard	CE IVD marked	

Order Information

Product Description	Catalogue Number
HANABI S1020 Auto Chromosome Staining System	HCMS-99-1020-A
HANABI S1020 Staining Kit	SP2701



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