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.

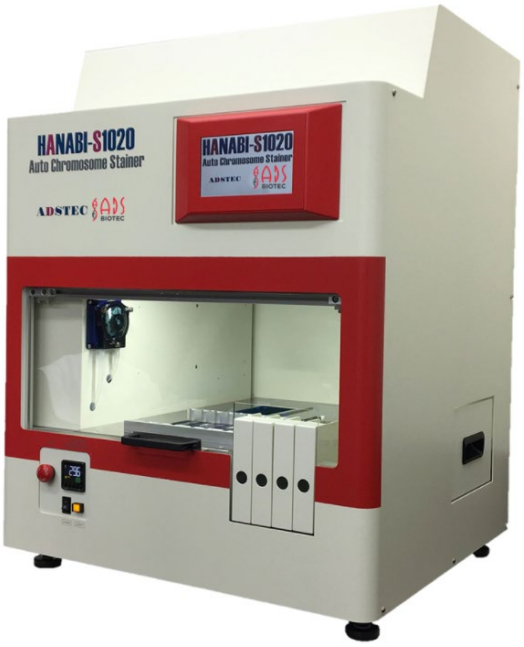
System technology fully automates the entire staining process, eliminating variability compared to manual methods.

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.

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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	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.)	
Reagent consumption	Eco-mode: Trypsin (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 option 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 marked	EN ISO13485:2016, EN 13641:2002, SO 15223-1:2016, ISO 23640:2015, EN 62366:2008

Order Information

Product Description	Catalogue Number
HANABI S1020 Auto Chromosome Staining System	HNB-99-1020-B

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