

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



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 marked | |

Order Information

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



Contact Information



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