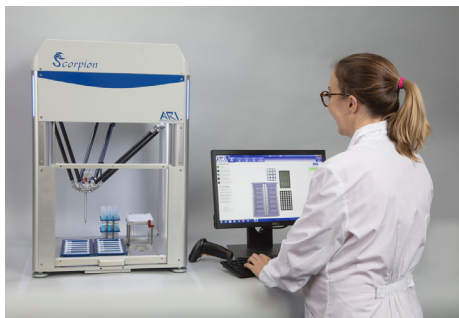


Scorpion Slide Preparation Robot

Automates Chromosome and MicroFISH Slide Preparation



An automated liquid handling robot that prepares 12 or 24 chromosome slides for banding or 12 FISH slides for hybridization.

Precisely dispenses microliters of fixed cells for G-banding in a humidity-controlled chamber for optimal chromosome spreading.

Dispenses fixed cells and probes for FISH; ready for coverslipping and hybridization. Patient information may be

entered by barcode scanning or manually. The robot monitors probe tube volumes creates detailed patient reports and produces score sheets for slide readers.

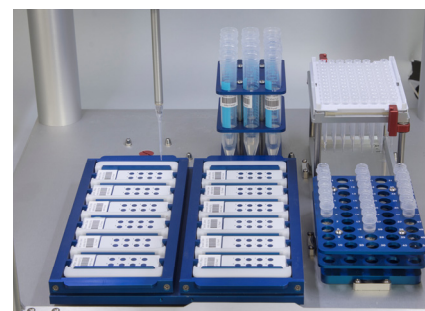
For Research Use Only

Scorpion Highlights:

- 24 chromosome slides in < 10 min
- Controls humidity for optimal spreading
- 12 MicroFISH slides in < 30 min
- Prevents sample/probe mix ups
- Produces detailed patient reports
- Tracks probe inventory
- Small footprint (19x19 in; 48x48 cm)



The robot dispenses metaphase cells optimized for scanning.



The robot dispenses 1 microliter of both cells and probe onto 12 MicroFISH slides.

ORDERING INFORMATION	CATALOG #
Scorpion Slide Preparation Robot, 100/240V.	2050-00-1
Scorpion Slide Preparation Software for 12 MicroFISH Slides.	2050-10-1
Scorpion deck hardware set for 12 slides. Includes two 6-slide trays.	2050-20-1
Scorpion Slide Preparation Software for 24 Chromosome Slides.	2050-10-3
Scorpion deck hardware set for 24 slides. Includes removable tray.	2050-20-2
Scorpion installation, operator training and certification.	2050-90-1
Scorpion annual comprehensive maintenance and service contract.	2050-90-2

SPECIFICATION	DESCRIPTION
Equipment Included	Automated pipetting unit and humidification system with PC computer and keyboard. Covered by a 12 month hardware and software warranty.
Electrical (Cat # 2050-00-1)	100 to 240V, 300W
Dimensions (HxWxD)	28 x 19 x 19 inches (70 x 48 x 48 cm)
Instrument Weight	90 lbs (41 kg) net
Slide Capacity	24 chromosome slides or 12 MicroFISH slides
Humidity Regulation	± 1.0% RH
Humidity Accuracy	± 2.0% RH



The Scorpion Robot dispenses metaphase cells onto microscope slides for G-Banding on the Little Dipper® Processor, ready for visualization.



The Scorpion Robot dispenses fixed cells onto MicroFISH Slides for denaturation on the CytoBrite® PLUS, incubation in the MicroFISH Oven and wash on the Little Dipper Processor, ready for counterstaining and visualization.