

Scorpion Slide Preparation Robot

Automates Chromosome and MicroFISH Slide Preparation



Scorpion Robot

A liquid handling robot that automates preparation of chromosome and MicroFISH slides. The Scorpion reduces tedious manual pipetting and eliminates errors by precisely dispensing microliter volumes of cells or probes onto 1-12 slides.

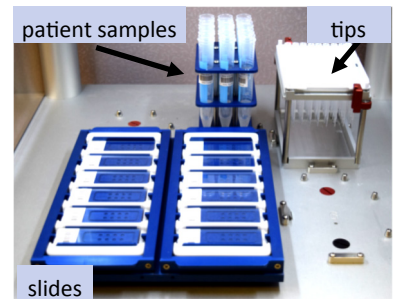
For G-banding applications, it dispenses fixed cells in a humidity-controlled environment for optimal and reproducible chromosome spreading. For FISH, it dispenses fixed cells and probe reagents for each patient panel; ready for MicroFISH slide coverslipping and hybridization. Patient information is entered via barcode or manually. The system provides detailed patient reports, monitors probe tube volumes and produces score sheets for slide readers.

For Research Use Only

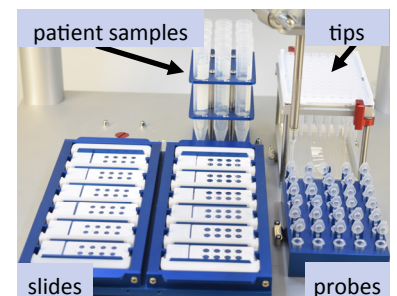
Scorpion Highlights:

- 12 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)

Deck Setup for Chromosomes

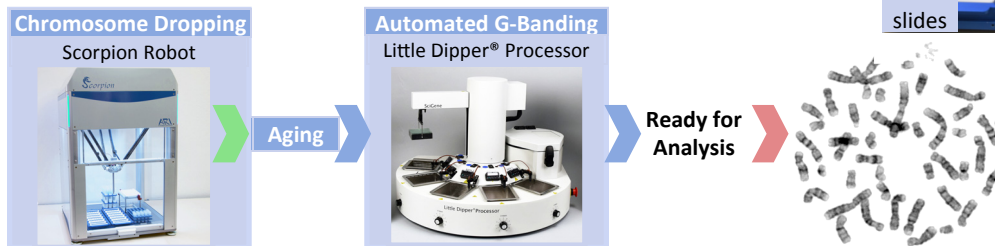


Deck Setup for MicroFISH



ORDERING INFORMATION		CATALOG #
Scorpion Slide Preparation Robot, 100/240V.		640-1001-11
Scorpion Software for MicroFISH.		640-1010-00
Scorpion Software for Chromosomes.		640-1010-01
SPECIFICATION	DESCRIPTION	
Equipment Included	Scorpion robot with desktop PC	
Electrical Cat # 640-1000-10	100 to 240V, 300 W	
Dimensions (HxWxD)	28 x 19 x 19 inches (70 x 48 x 48 cm)	
Instrument Weight	90 lbs (41 kg) net	
Slide Capacity	12 Slides (2x 6-slide trays)	

Chromosome Analysis Workflow



MicroFISH® Assay Workflow

