
Cyto-Tek® 2500
Cytocentrifuge

**Consistently superior
cytology preparation
system**



continuous innovation for pathology



Superior clinical performance

The Cyto-Tek® 2500 Cyto centrifuge provides optimal cell recovery and advanced preservation of cellular structures in non-gynecological monolayer slide preparations. This cyto centrifuge was designed with enhanced features focusing on user safety such as balanced rotation, new sealable rotor housing with lockable lid to significantly reduce aerosol exposure. The housing is completely removable and transportable, so cytotechnicians now can load and unload specimens under a fume hood.



The Cyto-Tek 2500 has a sleek and modern design and provides the superior clinical performance users have always expected from Sakura Finetek Cyto-Tek cyto centrifuges including:

- Consistently high rate of cellular recovery
- Better preservation of cellular structures
- Best for fragile cells requiring delicate handling



Paced acceleration

Paced acceleration ensures specimen integrity by slowly ramping up to the programmed rotation-per-minute (RPM) before depositing cells on to a slide. Cells are slightly flattened to provide better visualization of nuclear details. Paced acceleration is “Always On” to treat all cells in the same delicate manner and eliminates the need for the operator to choose how the specimens shall be handled considering their cell fragility.



Consumables

1 mL disposable Cyto-Tek® 2500 Cytology Chambers are used to deposit a thin monolayer of cells in a unique square area of the slide. Slides can be reviewed quicker and easier with the well-defined linear edges provided by the square filter paper.

The convenient 1 mL Fluid Chamber Kit (product code 4301) consists of the following components: Chambers, Caps, Holders, and Filter Papers. All components are also available separately.

Specifications

Product name	Cyto-Tek® 2500 Cyto centrifuge
Product code	4300
Application	Non-GYN, cytology
Rotor	Stainless steel, 12 specimen chamber capacity
Rotor housing with lid	Aluminum and plastic, removable and lockable
Chamber sizes	1 mL disposable chambers 6 mL reusable chambers 12 mL reusable chambers
g-force	735 g (at 2,500 RPM)
Memory	Up to 30 programs
Programmable speeds	200 to 2,500 RPM (adjustable in 10-RPM increments)
Program times	1 second to 99 minutes and 59 seconds (selectable in minutes and seconds)
Operating temperature	50 to 104°F (10 to 40°C)
Power requirements	115 VAC, 50/60 Hz, 10 A
Dimensions	14.8 (W) x 19.3 (D) x 8.9 (H) inches 37.6 (W) x 49.0 (D) x 22.6 (H) cm
Dimensions with lid open	14.8 (W) x 19.3 (D) x 23.4 (H) inches 37.6 (W) x 49.0 (D) x 59.5 (H) cm
Weight	22.0 lbs (10.0 kg)
Weight of rotor	3.7 lbs (1.7 kg)
Certifications	UL 61010-1, 2nd:2004, UL 61010-2-020:2006, CAN/CSA C22.2 No. 61010-1-04, CAN/CSA C22.2 No. 61010-2-20-09, CAN/CSA C22.2 No. 61010-2-101, IEC 61010-2-101
Regulatory status	IVD, FDA Class I

Accessories and consumables

Product code	Product name and quantity
4301	Cyto-Tek® 2500 1 mL Chamber Kit, Disposable; 50/case
4329	Cyto-Tek® 1 mL Fluid Chamber; 200/case
4333	Cyto-Tek® 1 mL Filter Paper; 200/case
4335	Cyto-Tek® 1 mL Chamber Cap; 200/case
4336	Cyto-Tek® 1 mL Specimen Chamber Holder; 200/case
4331	Cyto-Tek® 6 mL Specimen Chamber; 12/case
4327	Cyto-Tek® 6 mL Rubber Gasket; 25/case
4326	Cyto-Tek® 6/12 mL Chamber Holder; 12/case
4334	Cyto-Tek® 6/12 mL Chamber Cap; 25/case
4328	Cyto-Tek® 12 mL Specimen Chamber; 12/case
4337	Cyto-Tek® 12 mL Rubber Gasket; 25/case



A long tradition of excellence

Known for best-in-class automation and reliability Sakura Finetek remains a privately-held company in business for over 160 years. Sakura Finetek has achieved its success and solidified its reputation by providing timely, ingenious solutions to the real challenges laboratories face on a day-to-day basis.

Our rich history has given us a thorough understanding of technology, quality, reliability, value for money and our customers' requirements. We use this knowledge to passionately develop products that anticipate developments in both technology and market needs.

Sakura Finetek USA, Inc. (SFA) is based in Torrance, California. Functions covered at this facility include sales and marketing, service and technical support, R&D, and manufacturing.

SFA is an ISO 13485 certified manufacturer and supplier. As one of the two global manufacturing and R&D sites, SFA develops instruments and reagents into system solutions and secures our innovation with a steady stream of patents.

In addition to supporting the U.S. marketplace, SFA is also responsible

for Canada, Mexico, Central and South America and serves these markets with a network of local distributors.

With the worldwide headquarters in Japan and regional offices in Japan, The Netherlands and the U.S.A., the global strategy of worldwide representation has been fulfilled to guarantee our customers the best service and support.

Our organization is developing, professionalizing and growing continuously, and thus maintaining its position as a trustworthy and valuable partner in histopathology.

Please visit our website www.sakuraus.com

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