

Cyto-Tek® 2500



Cyto-Tek® 2500

SAKURA

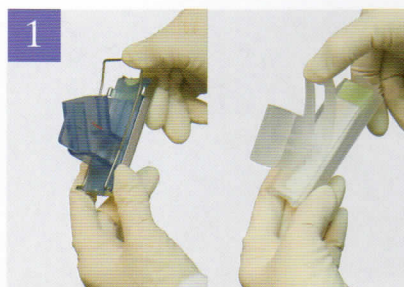
Cytocentrifuge



Achieve superior cell transfer, efficient recovery, and even dispersion of the cells.

A newly designed model based on the current, reliable cytocentrifuge is now available. Keeping the same high cell recovery performance from the current model, the new instrument is now easier to operate.

Step-by-Step Procedure



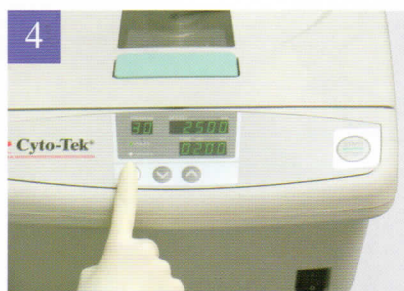
1 Place a glass slide and a filter paper (or a rubber gasket) in a specimen chamber holder.



2 Dispense specimen into each chamber and install in the rotor.



3 Put on the bowl lid and lock it. Place the guard bowl in the cytocentrifuge.



4 Select a program (centrifugation time and speed) using the control panel keys and start the centrifugation.



5 At the completion of the centrifugation, remove the rotor/guard bowl from the centrifuge.



6 Remove the glass slide from the specimen chamber holder.



Features of the Cyto-Tek® 2500 Cytocentrifuge

Increased efficiency of the screening procedure

The cells are deposited in a small square area; therefore the slides can be screened more efficiently.

Centrifugation speed range of 200 rpm to 2500 rpm

From urine, cerebrospinal fluid to body cavity fluid for intraoperative rapid cytology, the appropriate speed of centrifugation is easily set up to match the intended clinical use.

Prevention of aerosol release

The guard bowl method used decreases the release of contaminants into the environment during centrifugation.

Built-in safety functions

The instrument features a safety lid lock and the automatic detection of rotating unbalance. These functions protect both operators and specimen.

Compact design

The instrument is designed to minimize footprint for flexible installation such as inside of a safety cabinet.

High cell recovery performance

The method directly deposits the cells onto the slide by centrifugation, allowing for efficient cell recovery and uniform transfer in a short time, even for specimen with scant cellularity.

End-of-run audible alarm ensuring that specimen integrity is not compromised

The alarm sounds intermittently when centrifugation is complete to prevent air-drying of the specimen if specimen are inadvertently left in the instrument.

Easy-to-clean guard bowl

The guard bowl is removable and can be cleaned, disinfected or sterilized.

Compliance with standard IEC61010-2-020

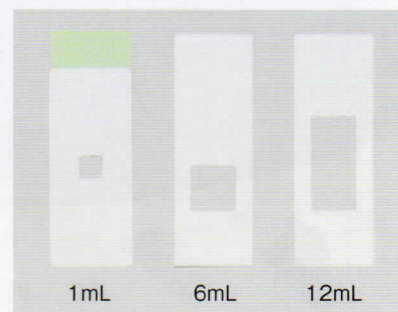
The Cyto-Tek® 2500 Cytocentrifuge complies with the international safety standards for centrifuges.

Easy-to-use control panel

Enter up to 30 programs into the memory, and easily recall the programs for efficient operation.

Adaptable to various specimen volumes

Select from chambers sizes of 1mL, 6mL and 12mL to match the specimen volume.



Control of the centrifugation time in 1 second increments

Centrifugation time can be set more precisely and the display clearly indicates how much time remains in the process.



Specifications

Generic name	Cytocentrifuge
Product	Cyto-Tek® 2500
Model	CF-12E
Code	4300
Overall dimensions	W375×D490×H225(mm) Maximum height, with lid open: 595 mm
Net weight	11.7 kg (including the guard bowl)
Rated supply voltage	AC100-240V 50/60Hz
Power consumption	100VA
Process capacity	Up to 12 chambers per process
Selectable specimen chamber sizes	1, 6, and 12mL specimen chambers
Programmable speed settings	200-2500 rpm (in 10 rpm increments)
Programmable time settings	0m01s-99m59s (in 1 second increments)
Program memory capacity	Up to 30 programs
Operating environment	Operating temperature: 10-40°C Operating humidity: 30-85%RH (no condensation)

※Instrument specifications may change without notice.

※“Cyto-Tek®” is a registered trademark of Sakura Finetek Japan Co., Ltd.



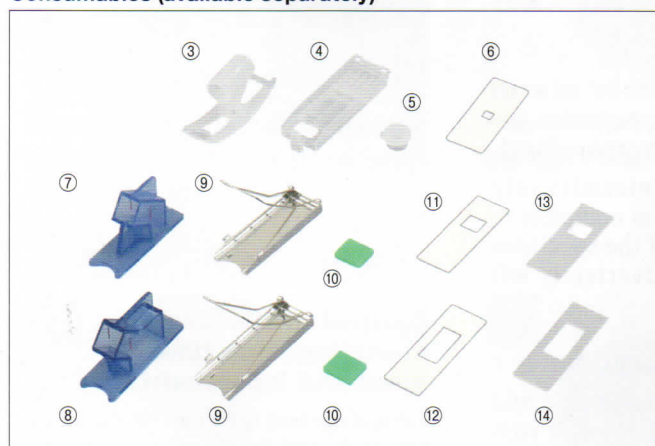
Standard Accessories



Description	Quantity
① Power-supply cord	1
② Guard bowl (includes guard bowl, rotor, and lid)	1 set
1mL specimen chamber set *1	12 sets
Operating manual	1

*1 1mL chamber set includes items ③, ④, ⑤, ⑥.

Consumables (available separately)



Description		Quantity
③, ④, ⑤ 1mL specimen chamber set ※1	1mL specimen chamber set (50)	50 pcs
	1mL specimen chamber set (200)	200 pcs
6mL specimen chamber set ※2		12 pcs
12mL specimen chamber set ※3		12 pcs
⑥ Filter paper, 1mL		200 pcs
⑦ Specimen chamber, 6mL		12 pcs
⑧ Specimen chamber, 12mL		12 pcs
⑨ Specimen chamber holder, 6/12mL		12 pcs
⑩ Specimen chamber cap, 6/12mL		25 pcs
⑪ Filter paper, 6mL		100 pcs
⑫ Filter paper, 12mL		100 pcs
⑬ Rubber gasket, 6mL		25 pcs
⑭ Rubber gasket, 12mL		25 pcs

*2 6mL specimen chamber set includes items ⑦, ⑨, ⑩, ⑪, ⑬.

*3 12mL specimen chamber set includes items ⑧, ⑨, ⑩, ⑫, ⑭.

Proven Reliability



Sakura Finetek Japan Co., Ltd.

1-9, Nihonbashi-Honcho 3-chome, Chuo-ku, Tokyo 103-0023 Japan

SOLE AGENTS
UNI BRAND INTERNATIONAL