

Cell Scrapers

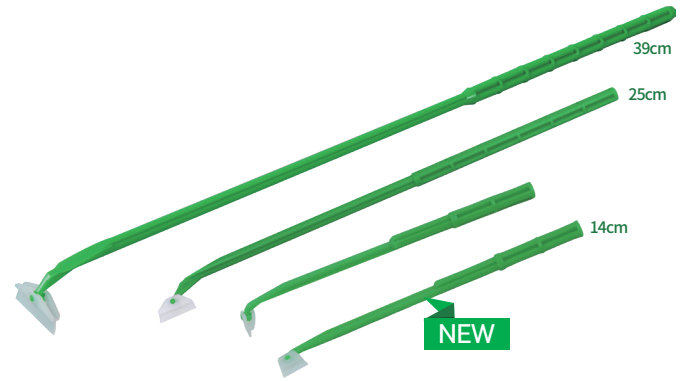
Cell scraper is a tool used to physically collect adherent cells from the surface of culture flasks, dishes, and other vessels. Compared to enzymatic tissue digestion, scraping provides a more straightforward approach and enables rapid cell harvesting in large quantities.

Jet Biofil's cell scrapers are available in a variety of handle and blade size combinations. All scrapers feature adjustable 2-position blades, enabling optimal scraping angle in different culture vessels. The thermoplastic elastomer (TPE) blades cause minimal mechanical damage to cells, helping preserve cell viability and integrity. The ABS plastic handles are highly bend-resistant that are suitable for various experimental environments.

Handle Length: 14.0 cm 25.0 cm 39.0 cm

Blade Width: 1.2 cm 2.0 cm 3.0 cm

Materials: Blade: TPE, Handle: ABS, conforming to USP Class VI standards

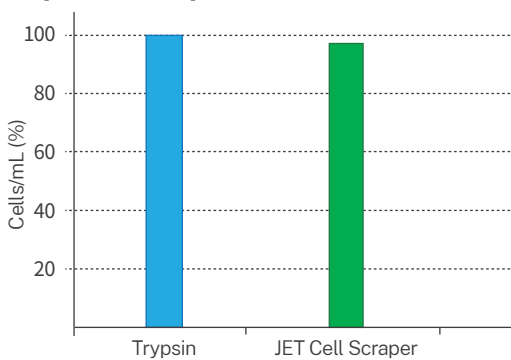


Features:

- ◆ Scraper blades can be positioned parallel or perpendicular to the handles flexibly, suitable for both scraping and lifting operations ①
- ◆ Various specifications are available to meet cell harvesting needs across different culture vessels, from small well plates to large-capacity culture flasks
- ◆ TPE blades offer excellent flexibility, allowing even surface contact and minimizing mechanical damage to cells ②
- ◆ ABS handles are highly bend-resistant, featuring anti-slip grooves for improved grip stability ③
- ◆ Individually wrapped, Sterilized by irradiation, SAL 10⁻⁶
- ◆ DNase/RNase-free, non-pyrogenic and non-cytotoxic



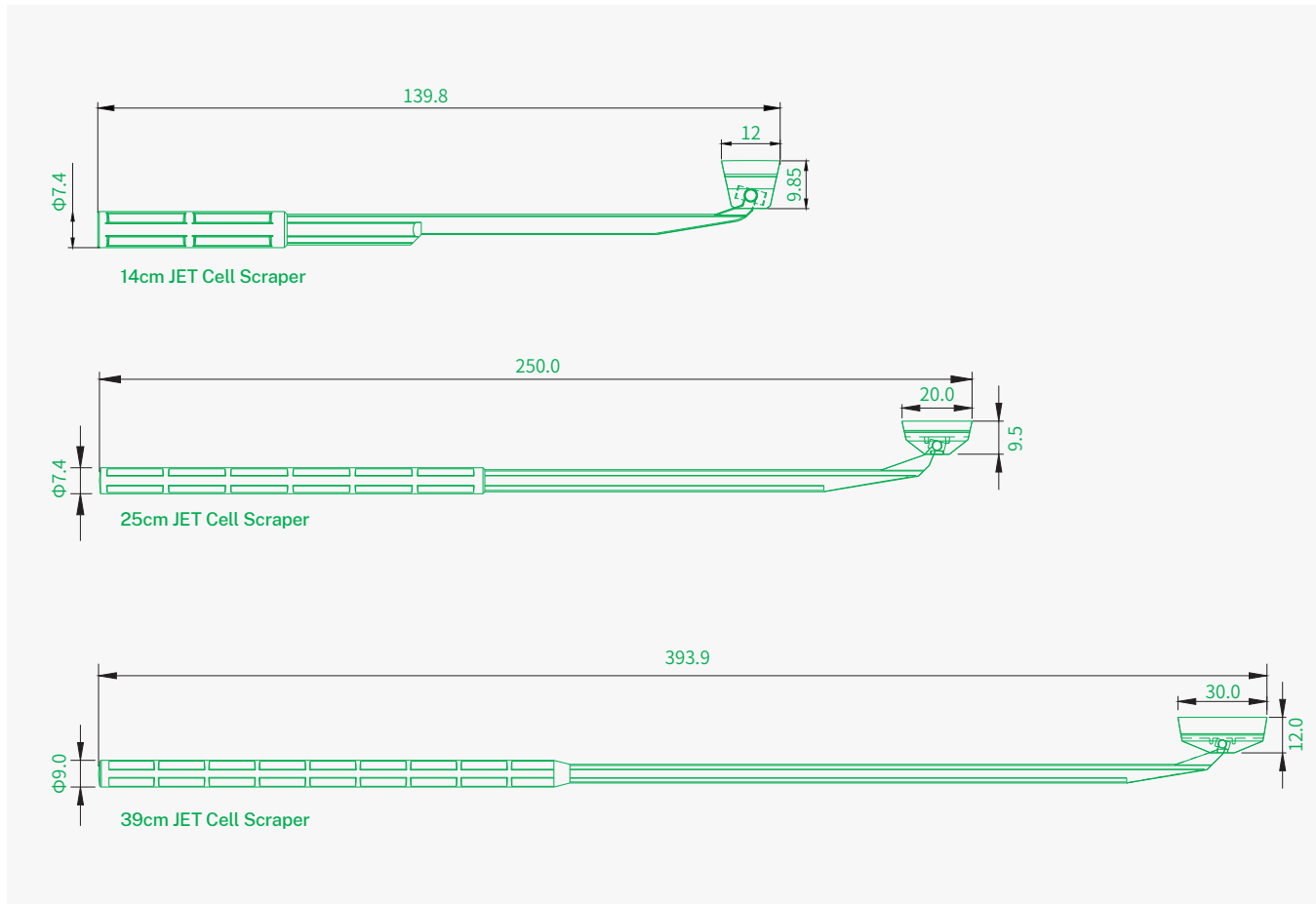
Comparison Experiment



L929 cells with a viability of 98% were seeded at the same density into multiple T25 culture flasks. After 120 hours of incubation, cell samples were collected using both trypsinization and 14 cm cell scrapers, and the post-harvest viability was assessed (N=4). The results showed that cells harvested with the scraper maintained a viability of approximately 95%, indicating that the scraper did not cause significant mechanical damage to the cell samples.



Dimension



Ordering Information

Cat. No.	Blade (cm)	Total Length (cm)	Field of application	Blade Position	Sterile	Qty.Per Bag	Qty.Per Case
NEW CSC011012	1.2	14	Cell Culture Flasks: T12.5, T25 Cell Culture Plates: 24-, 12-, 6-well	Scraper	Y	1	100
NEW CSC012012	1.2	14	Cell Culture Dishes Cell Culture Tubes	Lifter	Y	1	100
CSC011025	2	25	Cell Culture Flasks: T25, T75 Cell Culture Plates: 12-, 6-well	Scraper	Y	1	100
CSC012025	2	25	Cell Culture Dishes: 35mm, 60mm, 100mm, 150mm	Lifter	Y	1	100
CSC011039	3	39	Cell Culture Flasks: T150, T175, T182, T225, T300 Cell Culture Plates: 12-, 6-, Single-well	Scraper	Y	1	100
CSC012039	3	39	Cell Culture Dishes: 35mm, 60mm, 100mm, 150mm Roller Bottles: 1000mL, 2000mL	Lifter	Y	1	100

