






# Usage Guide for CombiFlash Caps and Cartridges

For use with: Rf, Rf4X, Rf UV-VIS, Rf75,  
Companion, Companion 4X, SG100c, Retrieve

**Chromatography Technical Note**  
**TN13**




**Table 1: Adjustable Caps & Cartridges for use with: CombiFlash Rf 200 PSI, Rf4X, Rf UV-VIS (0-200 PSI), & Rf75 (0-75 PSI)<sup>a</sup>**

Size	Caps		Sleeve		Cartridge		
	Part #	Description	Part #		Part #	Description	
5g	60-5237-036	Thick cap with 5/16" port to be used w/ sleeve. Tubing connection 5/16"-24 thread. Sleeve included. This part is no longer available.	60-5237-042		69-3873-217	5g cartridge. Pkg of 30 w/ locking tip. Sleeve must be used.	
25g	60-5237-037		60-5237-043		69-3873-220	25g cartridge. Pkg of 30 w/ locking tip. sleeve must be used	
5g	60-5237-047	Thick cap with 5/16" port to be used without sleeve. May be colored black or silver, distinguished from other caps by a flange (see photos at right). NOTE: Initial run of caps were incorrectly printed with: "use with sleeve." Current caps may have a round label covering this error.	N/A		69-3873-235	5g cartridge. Pkg of 30 w/ locking tip. Thicker than other cartridges.	
25g	60-5237-048		 			69-3873-240	
65g	60-5237-044	65g cap has never used a sleeve.	N/A		69-3873-225	65g cartridge. Pkg of 12.	

Adapter part #209-0094-09  
For use with the RF75 only.

- a. The Rf75 requires a connection adapter, part #209-0094-09, included in Rf75 Accessory Package, part #60-5239-009 (see right column).
- b. 5g cap shown; 25g cap looks the same, only larger.

**Table 2: Caps for use with:  
CombiFlash Companion, Companion 4X, SG100c, Retrieve (0-50 PSI)**

Size	Caps		Compatibility				
	Part#	Description	Companion	4X	XL	SG100c	Retrieve
5g <sup>a</sup>	60-5214-023	Non-adjustable Tubing connection is 1/4"-28 thread.		yes	yes <sup>d</sup>	yes	yes
25g <sup>c</sup>	60-3877-061				yes		
5g <sup>a</sup>	60-5237-008	Adjustable Tubing connection is 1/4"-28 thread.			yes <sup>d</sup>		
25g <sup>c</sup>	60-5237-009				yes		
65g	60-5237-010			yes <sup>d</sup>	yes	yes <sup>d</sup>	

- a. Any 5g cartridge will work with this cap (see cartridge table).
- b. 5g cap shown; 25g cap looks the same, only larger.
- c. Any 25g cartridge will work with this cap (see cartridge table).
- d. Will fit but not typically used with this unit.

**Table 3: Cartridges for use with:  
CombiFlash Companion, Companion 4X, SG100c, Retrieve (0-50 PSI)**

Cartridge		Compatibility				
Part #	Description	Companion	4X	XL	SG100c	Retrieve
69-3873-140	5g cartridge <u>without</u> locking tip. Pkg of 30.	yes	yes	yes <sup>a</sup>	yes	
69-3873-217	5g cartridge w/ locking tip. Pkg of 30.		yes <sup>b</sup>			
69-3873-235	5g cartridge w/ locking tip. Pkg of 30. Thicker flange than other cartridges.		yes <sup>b</sup>	yes		
69-3873-163	25g cartridge <u>without</u> locking tip. No longer available.		yes			
69-3873-220	25g cartridge w/ locking tip. Pkg of 30		yes <sup>b</sup>			
69-3873-240	25g cartridge w/ locking tip. Pkg of 30. Thicker flange than other cartridges.					
69-3873-225	65G cartridge. Pkg of 12.	yes <sup>a</sup>		yes	yes <sup>a</sup>	

a. Will fit but not typically used with this unit.

b. Requires adapter, part #60-5239-007

Last modified April 15, 2009

#### Teledyne Isco, Inc.

P.O. Box 82531, Lincoln, Nebraska, 68501 USA

Toll-free: (800) 228-4373 • Phone: (402) 464-0231 • Fax: (402) 465-3091

E-mail: IscoInfo@teledyne.com

Teledyne Isco is continually improving its products and reserves the right to change product specifications, replacement parts, schematics, and instructions without notice.

