

Primer for the MaxCell™ wrench set with applied torque

Instructions for use

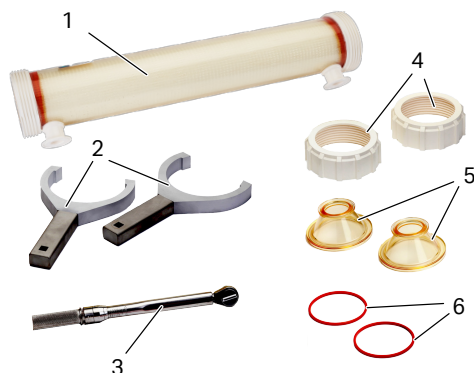
Product code

56410740

Description

A tool designed to apply specified torque to MaxCell™ cartridges from Cytiva.

The package consists of two standard MaxCell wrenches and an adjustable torque wrench.



The components visible in the illustration are listed below.

Part	Description
1	MaxCell cartridge
MaxCell wrench set with applied torque	
2	MaxCell wrench set
3	MaxCell torque wrench
Straight adapter kit¹	
4	Cartridge end nuts
5	Straight adapters
6	O-rings

¹ The MaxCell wrench set can also be used with the elbow adapter kit. See [Ordering information, on page 2](#).

Install the end caps on a MaxCell cartridge

Step	Action
1	Place the MaxCell cartridge on a clean, flat and hard surface.
2	Install the two O-rings in the grooves on each adapter.

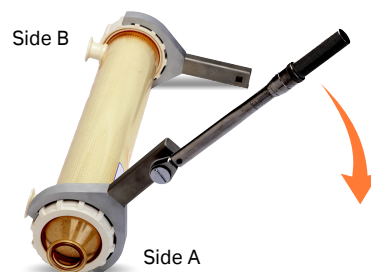
Step	Action
3	Place several drops of lubricant (e.g., glycerol) on the inside thread of both end nuts.
4	Place the adapter with O-ring on the cartridge. Fix the adapters to the cartridge with the end nuts. Tighten by hand.
5	Further tighten the end nuts with a MaxCell wrench set.



NOTICE

Risk of damage! The cartridge might slightly rotate clockwise when the end nuts are tightened. Damage might occur if the permeate ports contact the surface. Keep the permeate ports pointing above the surface at all times!

- With the MaxCell cartridge oriented as shown in the illustration below, attach the MaxCell wrenches on each end.
- Set the torque wrench for 40 ft-lbs.
- Insert the square drive of the torque wrench into the MaxCell wrench on side A. Keep the torque wrench in line with the MaxCell wrench and tighten the nut on side A until the torque wrench clicks, indicating specified torque. The MaxCell wrench on side B should remain in contact with the flat surface.



Note:

Only the torque wrench needs to be turned, the other wrench applies opposing force.

- Once the nut on side A is torqued to 40 ft-lbs, remove the torque wrench and orient the cartridge opposite to what is shown in the illustration above, so that side B is where side A is shown, and vice versa.

Step Action

- e. Insert the square drive of the torque wrench into the MaxCell wrench on Side B. Keep the torque wrench in line with the MaxCell wrench and tighten the nut on side B until the torque wrench clicks, indicating specified torque. The MaxCell wrench on side A should remain in contact with the flat surface.

Note:

Only the torque wrench needs to be turned, the other wrench applies opposing force.

Ordering information

For additional information, refer to [cytiva.com](https://www.cytiva.com).

Product	Model number	Product code
MaxCell wrench set with applied torque	SRW-MX02	56410740
Straight adapter kit for MaxCell cartridge	KAMX-16PS	56410737
Elbow adapter kit for MaxCell cartridge	KAMX-16EL-PS	56410738



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