

## Cell Removal System (CRS)

The Cell Removal System (CRS) separates cells from permeate. It connects with the rest of the MAST system as one of the destinations. The CRS receives cell-containing sample from the MAST system and performs an automated hollow fiber filtration process through a disposable cassette. The lines are then flushed and purged dry between samples. The CRS can produce up to 4 mL of permeate from 12 mL of cell-containing sample, then send this permeate to the Gilson liquid handler. The Cell Removal System's filter cassette performs for dozens of samples, then can easily be disposed and replaced.



### FEATURES

- Provides automated sample filtration
- Effectively removes cells from 30 to 40 samples before change out of the cassette is required
- Automated flushing between samples eliminates sample carryover
- User friendly
- Extremely durable and robust
- Little to no maintenance required

### SPECIFICATIONS

#### Measurements:

- Width: 11.5 in.
- Height: 12.5 in.
- Depth: 15.5 in. (Includes needed clearance)
- Weight: 42.1 lbs.

#### Utilities and/or Components Required:

- Connection to MAST System
- Compressed Air Supply: 70-100 PSI
- 120 VAC, 0.5A
- Cell Removal System Cassettes
- CRS Solution Supply Station