

## Laboratory Disposable Deionization (DI) System

Disposable alternative to SDI tanks. This system is a floor mounted 0.25 cubic foot cartridge housing and cartridge combination. It is designed to provide pretreated water to a wide range of water treatment applications. Similar to SDI tanks these disposable cartridges are available in carbon media, mixed bed, cation, and anion resins.

### For use in:

- General laboratory use
- Food or beverage processors
- Electronics and chemical industries
- Hospitals and Universities
- Pretreatment to Ultrapure water systems

### Standard Features and Benefits

- Produces up to 18 megohm water from a potable source
- Max flow: up to 2 gpm (8 lpm)
- Easy top-loading cartridge with o-ring seal
- Many choices of resin media options
- Easy cartridge replacement with minimal spillage
- Housing comes tested with 3/4" unions attached
- Multiple housings can be arranged in parallel or series to meet the flow required

### Specification: (housing)

Filter housing: 0.25 cubic feet (7 liters) Housing w/ FDA EPDM o-ring.  
3/4" bottom inlet/outlet

### System Performance:

Feed water parameters

Maximum temp: 100°F (38°C)  
Pressure range: 100 psig (7 bars)  
Height: 27.5" (69.9cm)  
Housing weight: 18lbs (8.1kg)

### Specification: (Cartridge)

Height: 22 in  
Operational weight: 14 lbs

### Ordering information:

Item # LAB025DDI  
Desc: 1/4 cubic foot Gray PVC housing w/ FDA EPDM O-ring.

### Consumables:

Description	Item #
1/4 cu foot mixed bed deionizer cartridge for disposable DI system.	LABDDIMB
1/4 cu foot cation bed deionizer Cartridge for disposable DI system.	LABDDICA
1/4 cu foot anion bed deionizer Cartridge for disposable DI system.	LABDDIAN

\*custom media type cartridges available upon request. Minimum orders apply.

Contact technical support at 800-875-7873 x 5000 to discuss your requirements

