

# DigiVac EXACT Carts

## Mobile Leak Detection Cart with Integrated Turbo

### Fully Equipped

Fully integrated Very high vacuum pump down and leak check solution

### High Vacuum Easy

Extra forline hose and simple mounting and unmounting of the turbo pump allow easy installation of turbo directly on the chamber with conflat connections

### Mobile

Has everything necessary to easily wheel pumping capability to chamber or chamber section that needs the pumping - all with one simple plug.



***Verify Leak-free Connections with this simple to use mobile leak detection cart with integrated turbo pump. Simply valve in your leak detector and the mobile cart will do the rest of the work !***

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## Mobile Leak Detection Cart with Integrated Turbo

### EXACT Cart Details

Mobile dry pump-down solution that features a highly reliable Agilent 305 300 L/s turbo pump backed by an Agilent IDP15 9 CFM roughing + dry scroll vacuum pump with an integrated leak detector. All components are integrated on a rolling cart with 4" easy rolling ball bearing wheels with one plug that can plug into a standard 110V outlet. The solution also features the turbo mounted with secure, but easily removed thumbscrews and an extra 3 feet of foreline hose. The user can roll cart up to a vessel, and the turbo can be mounted directly on the chamber using a conflat connection enabling higher vacuum. This solution can be used for pumping down a vessel while being able to valve in a leak detector in the foreline to verify leak free connections. A high vacuum gauge is included as well that can be powered and displayed by the easily viewable Turbo controller.

### Technical Specifications

**Leak detector sensitivity:** 5x10<sup>-12</sup> mbar•L/s, 5x10<sup>-12</sup> atm•cc/s,  
5x10<sup>-13</sup> Pa•m<sup>3</sup>/s

**Turbo pumping speed:** 300 L/s

**Turbo ultimate pressure:**  $<1 \times 10^{-10}$  mbar

**Turbo vacuum interface:** 6" conflat

**Turbo pumping speed,  
nitrogen:** 250 L/S

**IDP15 Pumping speed:** 9.1 CFM

**Gauge Range:**  $5 \times 10^{-9}$  to 1000 mbar

**Adapters Included:** 6" conflat to KF40

