

# D-310-R005

## SF<sub>6</sub> MINI Series Gas Reclaimer



The MINI series is a complete SF<sub>6</sub> gas-reclaiming unit designed to recover SF<sub>6</sub> gas from the smallest volume SF<sub>6</sub> insulated equipment. The D-310-R005 combines portability and affordability with the professional craftsmanship you expect from DILO, the world leader in SF<sub>6</sub> reclamation.

The MINI uses our newest direct-drive, high-pressure, oil-less MPC-05 compressor to transfer and store SF<sub>6</sub> into suitable storage. This is a full featured reclaimer that is not only easy to operate and portable (one person can easily carry the reclaimer and accessories), but also user friendly. All functions can be performed without supervision. The MPC-05 compressor generates sufficient pressure to liquefy SF<sub>6</sub> directly into cylinders, allowing for complete cylinder consolidation (imagine the dollars saved when cylinders are returned empty!).

The standard MINI consists of a portable processing module and a separate storage cylinder. An optional vacuum module is also available to dry SF<sub>6</sub> compartments prior to refilling. All are backed by the world-renowned DILO name.

### Key features:

- True liquefying of gaseous SF<sub>6</sub> via pressure
- Removal and filling of SF<sub>6</sub>
- SF<sub>6</sub> dryer filter
- 100% oil-less design
- 208-240V 50-60 Hz single phase
- 1.5 m<sup>3</sup>/h hermetically sealed oil-less compressor
- World renowned DILO self-sealing couplings



### Dimensions:

Width:	20.0 inches
Height:	16.0 inches
Depth:	17.0 inches
Weight:	80 pounds

# D-310-R005

## SF<sub>6</sub> MINI Series Gas Reclaimer



### Processing Unit:

Description	Nr. & Dim.	Price
<input type="checkbox"/> <b>D-310-R005 SF<sub>6</sub> MINI Series Gas Reclaimer</b> <ul style="list-style-type: none"> <li>1.5 m<sup>3</sup>/h oil-less compressor discharge: 725psig</li> <li>Max pressure differential: 50:1</li> <li>Suctioning and discharge gauge display in psi and kpa</li> <li>Standard equipment:                             <ul style="list-style-type: none"> <li>1x 10' rubber DILO DN8 service hose</li> <li>1x 6' rubber hose with CGA590 and DILO DN8 connections</li> <li>Moisture and decomposition filter</li> </ul> </li> <li>0-160 psig regulator output</li> <li>Power requirements: 208-240VAC/50-60Hz, single phase</li> </ul>	<b>D-310-R005</b>  Length: 17.0 inches Width: 20.0 inches Height: 16.0 inches Weight: 80lbs	

### Accessories:

Description	Product Nr	Price
<input type="checkbox"/> <b>MINI Series Booster Pump</b> <ul style="list-style-type: none"> <li>Final vacuum: &lt;5Torr</li> <li>Automatic positive pressure bypass</li> <li>Power requirements: 208-240VAC/50-60Hz, single phase</li> </ul>	<b>B093R10</b>	
<input type="checkbox"/> <b>High Capacity Pre-Filter Unit:</b> <ul style="list-style-type: none"> <li>Drier filter for processing of moisture and arc byproducts</li> <li>Particle filter</li> <li>DILO DN8 self-sealing connections</li> <li>Also needed: 5ft. DN8 service hose (D-155-R005)</li> </ul>	<b>B007R21</b>	
<b>Pre-Filter Cores For B007R21:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Particle filter core</li> <li><input type="checkbox"/> Moisture and decomposition core</li> </ul>	<b>3-377-08</b> <b>3-376-06</b>	
<input type="checkbox"/> <b>Additional 5ft. Rubber Service Hose:</b> <ul style="list-style-type: none"> <li>Can be used in conjunction with the above listed pre-filters</li> <li>DN8 female couplers</li> </ul>	<b>D-155-R005</b>	
<input type="checkbox"/> <b>External Cylinder Weight Scale:</b> <ul style="list-style-type: none"> <li>Resolution: 0.1lbs</li> <li>Accuracy +/- 0.1lbs (Exceeding the accuracy requirements by EPA &amp; CARB minimum standard of +/- 2 lbs)</li> <li>Small, lightweight and stable</li> <li>Uses an AC power supply or batteries</li> <li>Digital display with upper setpoints</li> <li>Safe, unsupervised operation</li> </ul>	<b>D-230-R002</b>	
<input type="checkbox"/> <b>Optional Cylinder Weight Scale Case</b> <ul style="list-style-type: none"> <li>Additional Pelican Brand® case for the D-230-R002 Cylinder Weight Scale</li> </ul>	<b>D-230-R002 Case</b>	
<input type="checkbox"/> <b>Handheld SF<sub>6</sub> Leak Detector</b>	<b>3-033-R002</b>	

# D-310-R005

## SF<sub>6</sub> MINI Series Gas Reclaimer



### Maintenance Program:

Description	Product Nr	Price
<input type="checkbox"/> <b>Annual Maintenance Program</b> <ul style="list-style-type: none"><li>• Replace all filters</li><li>• Change vacuum pump oil</li><li>• Full functionality check</li><li>• Full gas cart inspection</li><li>• Leak check</li><li>• Calibrate weight scale</li><li>• Provide new copy of operating manual</li><li>• Extends the factory warranty one extra year</li></ul>	<b>D-915-R001</b>	

### Cylinder Storage Options:

Description	Product Nr	Price
<input type="checkbox"/> <b>Large Steel Cylinder</b> <ul style="list-style-type: none"><li>• Approximate SF<sub>6</sub> storage amount: 115lbs</li><li>• Neckring and cap included</li><li>• Painted RAL2004</li></ul>	<b>250CF</b>	
<input type="checkbox"/> <b>Large Aluminum Cylinder</b> <ul style="list-style-type: none"><li>• Approximate SF<sub>6</sub> storage amount: 65lbs</li><li>• Neckring and plastic valve guard included</li><li>• Color: raw aluminum</li></ul>	<b>N150</b>	
<input type="checkbox"/> <b>Medium Aluminum Cylinder</b> <ul style="list-style-type: none"><li>• Approximate SF<sub>6</sub> storage amount: 47lbs</li><li>• Neckring and plastic valve guard included</li><li>• Color: raw aluminum</li></ul>	<b>N122</b>	

# D-915-R001

## Annual Maintenance Program

Small Service Carts



Routine maintenance is the key to system reliability and SF<sub>6</sub> processing performance. DILO is proud to introduce an annual maintenance program for our entire line of small gas service carts. A trained technician will thoroughly examine your machine which includes the following: a complete inspection of the plumbing and electrical systems, performance/functional testing, replace all filters, & change of the vacuum pump oil. With this program owners can look forward to years of trouble free service and unwanted downtime.

### Key features:

- Replace all gas filters
- Change/Replace/Test vacuum pump oil & filter
- Pressure check compressors
- Leak check all fittings & connections
- Inspect all tubing and hoses
- Inspect Regulators & gauges
- Full electrical Inspection
- Jack Stand & Tire Inspection
- Software Upgrade (\*Touch Screen)
- Calibrate Dilo Weight Scale (\*If customer purchased on-board scale option)
- Replace lost or damaged manual of unit
- Provide full documentation report of maintenance performed after completion



### Customer Advantage:

- Knowledge that your DILO equipment will be maintained by trained DILO technician
- Annual scheduled Preventative Maintenance for your unit
- Equipment service & maintenance records stored by DILO
- Purchase of annual maintenance program will extend original manufacturer's warranty for one year\*

\*When purchased with new equipment purchase

**Annual Maintenance Program**