Chart’s improved Mixed Gas Skid is a prefabricated blending system that provides a reliable source of high-precision mixed gas in a safe and secure package. The system includes options that make it flexible and capable of handling a wide range of gas blends required in welding and other applications. The Mixed Gas System’s design simplicity provides higher interconnecting piping integrity, faster start up time, and reduced installation costs. This system also features all the advantages of Chart’s MicroBulk Solutions™.

**PRODUCT HIGHLIGHTS**

- Provides a turnkey solution: two vessels, pressure control manifolds, a mixer, and an emergency HP cylinder mixed gas reserve (HP bottles not included)
- Prefabricated system reduces installation time and costs
- On-site filling using the Orca™ MicroBulk Delivery System
- Two standard size skid packages to select from
- Transported by pallet jack, forklift or overhead crane
- Thermco® world class mixer provides high quality and proven reliability
- Gas mixer supports two gas sources and a mixed gas output of 0-50% CO₂ in argon
- Provides a regulated source of pure argon gas
- Excellent solution for emergency back-up or temporary requirements
- Gas connection ½” FPT
MIXED GAS SKID
MICROBULK GAS BLENDING SYSTEM

The mixed gas skid is offered in two sizes with both consisting of a primary and a secondary gas supply, regulating manifolds, and a mixer all installed and connected for immediate installation.

<table>
<thead>
<tr>
<th>SKID PACKAGES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Skid Package</strong></td>
</tr>
<tr>
<td>Small Skid</td>
</tr>
<tr>
<td>Large Skid</td>
</tr>
</tbody>
</table>

Other Gas Combos available upon request including tri-mixes. Option without Thermco mixer available upon request.

**MIXER® Thermco® Model 8500 CA50X1100**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
<th>Flow Capacity</th>
<th>Accuracy</th>
</tr>
</thead>
<tbody>
<tr>
<td>8500 CA50X1100</td>
<td>0-50% CO₂ in Argon</td>
<td>0-750 SCFH (0-20.1 Nm³/h)</td>
<td>+/- 1.5% CO₂</td>
</tr>
</tbody>
</table>

**Ambient and Supply Gas Operating Temperatures**
32°F (0°C) to 104°F (40°C)

**Supply Gas Pressure**
100-125 PSIG (6.9-8.6 barg)

**Mixed Gas Outlet Pressure**
10-50 PSIG (0.7-3.4 barg). Regulator provided by Thermco® in mixer for mixed gas pressure adjustment.

**Surge Tank**
5 gallon, ASME coded and CRN registered, pressure relief valve provided.

**Power Requirements**
115 VAC, 50/60 Hz, 0.5 amp. Acceptable voltage range 104-126 VAC.

**Weight**
Net 65 lbs. (29.5 kg)

**Dimensions**
19.1” (49 cm) L x 10.25” (26 cm) W x 27.5” (70 cm) H