

# ROBERTS



# OXYGEN

## MicroBulk Solutions

### Specialty Gases

- Pure Gases
- Special Mixtures
- Custom Blends
- Semiconductor Gases

### Specialty Gas Equipment

- Gas Regulators
- Gas Delivery Systems
- Purifiers / Filters
- Cryogenic Equipment
- Gas Distribution Systems

### Value Added Services

- e-Storefront Manage Your Account 24/7
- Online Ordering
- 24 / 7 Emergency Delivery



### MicroBulk Applications

- Biotech and life science tissue, cell and blood storage; and purging and inerting.
- Lab and analytical purging, inerting and cryogenic cooling.
- Chemical protective atmosphere and purging.
- Metals fabrication laser cutting.
- Metals processing heat treating atmospheres and cryogenic cooling.
- Food freezing and protective atmospheres.
- Electronics reflow oven protective atmospheres.
- Electronics thermal chamber parts testing.
- Scientific instrument NMR magnet cooling and scanning electron microscope.

### Benefits of MicroBulk...

Scheduled delivery system provides an uninterrupted supply of gas.

Unique auto shut-off feature allows remote filling through a wall box, eliminating the need for the driver to enter the facility. Mounts permanently in very little space and conforms to ASME standards for stationary operation.

MicroBulk the other alternative to high pressure or liquid cylinders. When filled with the MicroBulk Delivery System, the liquid vessel has been designed to have an actual fill time of three minutes or less and under normal conditions have zero losses. Smaller than conventional bulk trailers, our MicroBulk tank truck allows easy access to tight delivery areas. With the delivery system's "smart" flow-meter and easy-to-read printouts, reports of your delivery are available in seconds.

MicroBulk tank sizes range from 450 liters to 5,500 liters.

[www.robertsoxygen.com](http://www.robertsoxygen.com)





## The MicroBulk Advantage...

### **Reduces Customer Maintenance:**

#### **Facility Damage:**

Eliminate damage to door frames, floor tiles and stairways, sidewalks, and parking lots from cylinders.

#### **Rust Stain:**

Eliminated

#### **High Pressure Regulator Damage:**

Eliminate broken or dropped regulators.

### **Improves Safety:**

#### **Injuries:**

Reduces risk of injuries associated with the handling of cylinders.

#### **Facility Safety:**

Frees floor space, eliminates potentially dangerous clutter of cylinders, and eliminates the need for safety chains.

### **Improves Quality:**

#### **Contamination:**

Eliminate damage contamination from rotating cylinders.

#### **Supply:**

No interruptions due to cylinder exchanges during business hours.

#### **Pressure:**

Consistent pressure improves product yield.