

# FERNO<sub>2</sub> Models 205, 206, 210, 211 'DD'-Lite & 'EE'-Lite Carbon Fiber O<sub>2</sub> Bottles



Fully wrapped, carbon-fiber reinforced, aluminum-lined vessels manufactured with highest grade aerospace materials. Both products carry DOT regulatory approvals, including design and qualification certifications. The 'DD'-Lite and 'EE'-Lite can be mounted to a Ferno 35-A+ or 93EX Squadmate Cot and can also be mounted to the back of an EMS bicycle. The significant reduction in weight and greater capacity of these carbon fiber vessels means you can carry more oxygen to remote locations, on board helicopters, up flights of stairs, and in your ambulance.



- 0819963** 'DD' Lite Model 205 with CGA 870 post valve and on/off toggle
- RO2060** 'DD' Lite Model 206 with CGA 540 valve outlet
- 0819964** 'EE' Lite Model 210 with CGA 870 post valve and on/off toggle
- 0819589** 'EE' Lite Model 211 with CGA 540 valve outlet

## DD'-Lite      EE-Lite

Service Pressure:	3000 psi (207 bar)	2216 psi (153 bar)
Volumetric Capacity:	200 in. (3.28 liters)	516 in. (8.46 liters)
Outer Diameter:	5.38 in. (137 mm)	6.63 in. (168 mm)
Length:	13.5 in. (302 mm)	20.42 in. (519 mm)
Weight:	3.7 lb. (1.68 kg.)	7.3 lb. (3.31 kg.)

## Common to DD-Lite and EE-Lite

Oxygen Content:	@3000 psi: 717 liters @2000 psi: 533 liters @2216 psi: 1,377 liters
Materials:	Seamless 6061-T6 alloy aluminum Epoxy impregnated polyacrylonitrile, PAN- based carbon fiber over wrap
Valve Port:	.750 - 16 UNF
Regulatory Approvals:	U.S. Department of Transportation-CCFC : DOT E11194

## Oxygen Vessel Comparisons Chart

	Steel "D"	Alum. "D"	Jumbo "D"	Alum. "E"	"DD"-Lite	"EE"-Lite
Oxygen Contents (liters.):	396	414	646	682	<b>717</b>	<b>1377</b>
Weight (lb.):	10.3	7.9	8.6	8.0	<b>3.7</b>	<b>7.3</b>
Diameter (in.):	4.50	4.37	5.25	4.37	<b>5.30</b>	<b>6.60</b>
Length (in.):	20.0	15.5	7.5	25.6	<b>13.5</b>	<b>20.4</b>
Service Pressure (psi):	2015	2015	2216	2015	<b>3000</b>	<b>2216</b>



## Ferno Model 521 Oxygen Bottle Holder (Universal Bracket Base)

- Designed for steel and aluminum cylinders including "D", "E" and Jumbo "D" sizes
- Meets KKK-1822-C specifications
- Will not rust or corrode
- Universal bracket base adapts to cylinder size
- Neck support bracket can slide up or down with common tools to fit either "D" or "E" size cylinders
- Bracket does not interfere with most oxygen regulator controls
- Heavy-duty nylon strap and metal buckle keep cylinder in place
- Bracket can be mounted vertically or horizontally

**0818917** Model 521, Oxygen Bottle Holder

Includes heavy duty strap with metal buckle



## Ferno Model 515 and 516 Cylinder Brackets (Floor Mounted)

- Securely hold either "D" or "E" size oxygen cylinders in place
- Floor mounted base provides secure retention system
- Eliminates swaying, tipping, and rattling oxygen cylinders

**0815150** Model 515, Cylinder Base, Single

**0815160** Model 516, Cylinder Base, Dual

Single Floor Mount >>



Dual Floor Mount

## Ferno Model 519 and 520 Bottle Base (Wall Mounted)

- Securely hold either "D" or "E" size oxygen cylinders in place
- Wall mounted base provides secure retention system
- Eliminates swaying, tipping, and rattling oxygen cylinders

**0815190** Model 519, Bottle Base, Single

**0815200** Model 520, Bottle Base, Dual

Single Wall Mount >>



<< Dual Wall Mount

## Ferno Model 514 Ferno Oxy-Clip™

- Designed to place the oxygen cylinder on the cot side rail rather than underneath the cot or between the patient's legs
- Securely holds either steel or aluminum "D" size cylinders
- Spring-loaded latch enables the Oxy-Clip™ to instantly attach to the cot rail (0.75in / 19mm diameter)

**0085500** Model 514, Oxy-Clip™ for any cot (except Model 28)

**0085520** Model 514-1, Oxy-Clip™ for Model 28



## **FERNO<sub>2</sub>** O<sub>2</sub>X™ Oxygen Tank Mobilizer



- Designed to mobilize large and heavy oxygen cylinders into ambulances
- We recommend one O<sub>2</sub>X per location

**0819951** O<sub>2</sub>X™ Oxygen Tank Mobilizer



## **FERNO<sub>2</sub>** Aluminum Oxygen Cylinders

- Up to 40% lighter than steel
- Absorb more impact energy
- Have greater resistance to damage from rough handling or accidental dropping
- Contaminants can't be trapped on the smooth, rust-free interior surface of aluminum cylinders
- Folding built-in on/off lever eliminates need for wrench or handwheel
- Available in "C", "D", Jumbo "D", and "E" sizes

**RO2500** "C" Size Cylinder (248 liters)

**RO2510** "D" Size Cylinder (415 liters)

**RO2520** "Jumbo D" Size Cylinder (637 liters)

**RO2530** "E" Size Cylinder (682 liters)



## **FERNO<sub>2</sub>** Oxygen Hoses (6 ft / 1.8 m)

**RO2600** O<sub>2</sub> Hose with two female fittings

Green Pressure oxygen Hose with two female DISS fittings, (works with LSP Demand Valve, LSP Aspirator, LSP Minilator and others)

**RO2610** O<sub>2</sub> Hose with one male and one female fitting

Green Pressure Hose with one 1/8" male NPT and one female DISS fitting, (works with FERNO<sub>2</sub> OX Inhalator, FERNO<sub>2</sub> HFOC, Elder Demand Valve and LSP Bag Refill Valve)



## **FERNO<sub>2</sub>** Oxygen Hoses (20 ft / 6 m)

**RO2620** O<sub>2</sub> Hose with two female fittings

Green Pressure Oxygen Hose with two female DISS fittings, 20 ft/6 m hose (works with LSP Demand Valve, LSP Aspirator, LSP Minilator and others)





## **FERNO<sub>2</sub> Emergency Respiratory System**

- Provides resuscitation, gas powered suction and oxygen therapy in a lightweight package
- Configured using the ERC (Emergency Respiratory Case)
- Made from 600 Denier Cordura
- Can be carried like a backpack or like a bag
- Shoulders straps and waist belt can be tucked away

### **System Includes:**

- ERC case
- Uni-Body brass regulator (0-25 lpm) with constant flow and two high flow outlets
- Demand valve with 6' hose / 1.8 meters
- Single patient mask
- Cuffed mask
- Gas powered aspirator one "D" size aluminum oxygen cylinder (415 liters/O<sub>2</sub>) or One "EE-Lite" Carbon Fiber Oxygen Vessel with a capacity of 1377 liters of oxygen



**RK7010** ERS with D-cylinder

**RK7015** ERS with EE Carbon Fiber Tank

**0819634** ERC BackPack Only

## **Deluxe Portable Resuscitator System**

- Provides resuscitation, oxygen powered suction and oxygen therapy in a complete lightweight package
- For use when oxygen is required on a spontaneously or non-breathing patient
- Can provide 100% oxygen on demand if the patient is breathing spontaneously
- Features durable polyethylene carrying case
- Brass oxygen regulator and a demand valve can function manually as a resuscitator

### **System Includes:**

- Carrying case
- Brass regulator (0-25 lpm) with constant flow and two high flow outlets
- Demand valve with 6' hose and cuffed mask
- Gas powered aspirator with 6' / 1.8 meters hose
- Suction catheter/collection jar
- "D" size aluminum oxygen cylinder with toggle valve
- Oxygen therapy mask with 7' / 2.1 meters tubing and two airways

**ØRK100** Deluxe Resuscitator System, Complete

**RK1110** Deluxe Resuscitator System, without O<sub>2</sub> Cylinder

**RK1120** Deluxe Portable Resuscitator Case Only, Orange



## **Deluxe Portable Inhalator Oxygen System**

- Quick access hinges
- The perfect unit for smoke inhalation patients and other applications where high concentrations of oxygen are required
- Only indicated for use when patient is spontaneously breathing

### **Components Include:**

- OX-Inhalator Demand Valve with 6' / 1.8 meters hose and single patient mask
- BRAVO<sub>2</sub> brass bodied regulator with two DISS high flow ports
- 0-25 lpm constant flow settings
- "D" size aluminum oxygen cylinder
- Oxygen therapy mask with 7' / 2.1 meters tubing and carrying case

**ØRK2100** Deluxe Inhalator System, Complete

**RK2110** Deluxe Inhalator System, without O<sub>2</sub> Cylinder

**RK1120** Deluxe Resuscitator Case Only

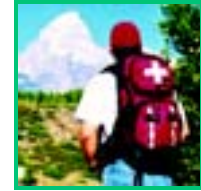




## FERN<sup>O</sup><sub>2</sub> SAR Backpack Portable



- Designed for urban Search & Rescue and remote wilderness rescue
- Has a technical frame back panel, two internal 6063 aluminum stays, contoured shoulder straps, side compression and load lifting straps
- Built for proper distribution of the load
- Pocket to stow the nylon rain cover
- Rain cover keep critical resuscitation and rescue equipment dry
- Large volume main compartment holds "D", Jumbo "D" or "DD-Lite" cylinder
- Stowable rain cover with nighttime reflective first aid cross
- Padded and breathable mesh shoulder straps with hydration tube clip



## Complete SAR Backpack Portable Kit

- 'DD'-Lite Carbon Fiber Oxygen Cylinder with BRAVO<sub>2</sub> oxygen regulator
- BackPack Portable SAR Case

**RK3010** Complete Portable Kit

## Deluxe SAR Backpack Portable Kit:

- Complete SAR Backpack Portable Kit
- OX-series Inhalator with oxygen hose
- Adult size Spiracle/MEDS PPV mask

**RK3020** Deluxe Portable Kit



## Seahorse Portable Airway Kit

- For emergency respiratory care in pre-hospital, marine and industrial settings
- Designed to withstand the harshest of environment with a hard shell Pelican™ case and water tight seal
- Quick access features for rapid deployment of resuscitation and emergency care
- An aluminum body regulator with internal brass components is also available and may be substituted for the all-brass regulator

### Model SPAK702 Kit includes:

- 'DD'-Lite Carbon Fiber Oxygen Cylinder
- OX Series Inhalator Valve with O<sub>2</sub> supply hose
- BRAVO<sub>2</sub> Brass Oxygen Regulator
- Yellow Pelican Case with custom die cut, closed-cellfoam insert, purge valve and collapsible handle

**SPAK702** Seahorse Portable Airway Kit Complete

**RK7022** Seahorse Case Only, Yellow

