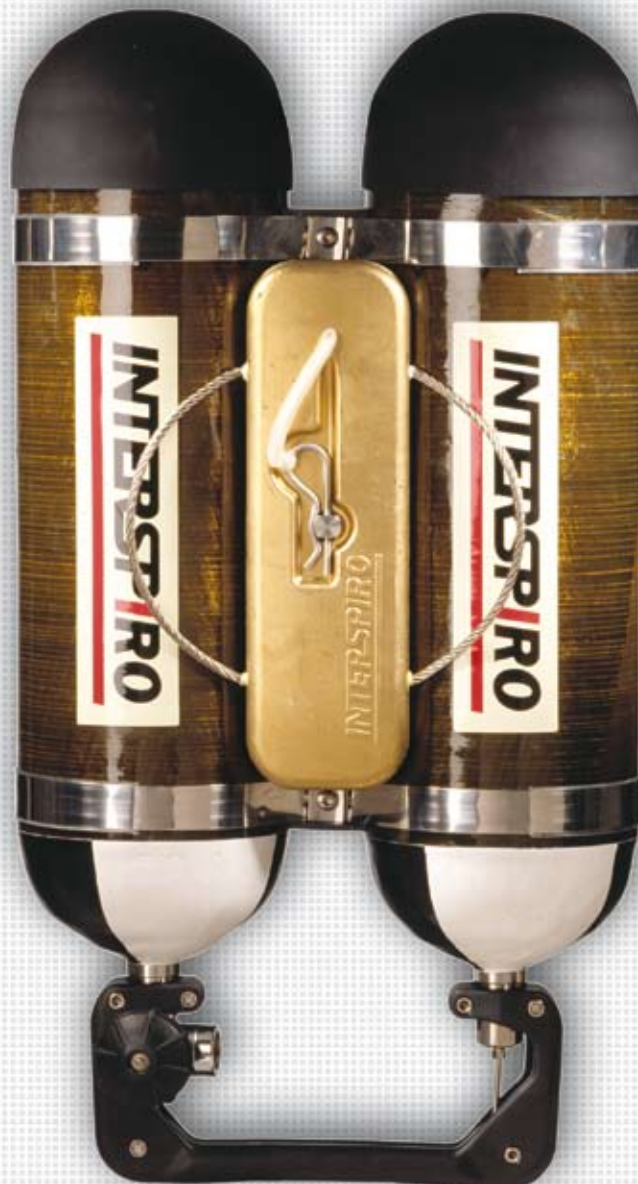


# INTERSPIRO

## DIVATOR LITE DIVING CYLINDER SYSTEM

DOT APPROVED

- ❶ Lightest diving cylinders in the world out of water, perfectly balanced under water
- ❷ Low profile allows for safer access to confined spaces and minimizes resistance in fast waters
- ❸ The first composite cylinder approved by US DOT for underwater use in the United States



# DIVATOR LITE

## DIVING CYLINDER SYSTEM

Interspiro introduces the **DIVATOR LITE**, the first complete professional diving system designed specifically for the search and rescue diver. The **DIVATOR LITE** includes the first fully composite diving cylinder system approved for use in the United States.

The **DIVATOR LITE** Cylinder System combines an ultra light-weight non-metal composite cylinder with a balanced and adjustable weight system. This cylinder system dramatically increases the diver's safety and comfort.

The **DIVATOR LITE** Cylinder System provides new benefits for the public safety diver above and below the surface.

**ABOVE THE SURFACE** - The diver is very comfortable and agile while wearing the cylinder system with the cylinder weight removed. At any time the cylinder weight can be attached in 5 seconds and the diver is ready to enter the water. This increases the readiness of the stand-by diver and reduces back strain in the often extreme surface conditions, such as sand, mud or ice. In addition, the lower weight of the cylinders simplifies transportation of the cylinders, especially when working in small rescue boats.

**BELOW THE SURFACE** - The diver achieves nearly perfect balance when the cylinder weight is attached between the cylinders, at the center of the cylinder's buoyancy. The low profile of the dual cylinder configuration allows the diver to work with less water resistance in fast-flowing currents. With the cylinder valve facing downward there are no valves or hoses to snag above or behind the divers head greatly reducing snagging hazards. The valve down configuration allows the diver to reach the valve and all hoses even when wearing a restricting dry suit.

### APPROVALS

- CE according to EN12245 and PED 97/23/EG
- DOT according to SP 14209 and ISO11119

### PERFORMANCE

Working pressure	4350 psi
Test pressure	6225 psi
Min. burst pressure	13,050 psi
Medium	Compressed breathing air

### MATERIALS

Liner	Thermoplastic resin
Filament	Carbon fiber
Outer wrap	Glass fiber
Resin	Epoxy
End fittings	Stainless steel

### DIMENSIONS AND WEIGHT

#### 142 CUBIC FOOT CYLINDER PACKAGE

Outside cylinder diam.	6.3 inches
Length (cylinder pack)	26.5 inches
Width (cylinder pack)	14.2 inches
Weight	27 lbs. and 37.5 lbs. with air
Compensating weight assy	31 lbs., 23 lbs., or 15.4 lbs.
Cylinder pack, part no.	98 857-02
Cylinder weight, part no.	97 520-51

#### 72 CUBIC FOOT CYLINDER PACKAGE

Outside cylinder diam.	4.5 inches
Length (cylinder pack)	26.5 inches
Width (cylinder pack)	10.2 inches
Weight	15.8 lbs. and 20.7 lbs. with air
Compensating weight assy	19.8 lbs., 17.6 lbs., or 15.4 lbs.
Part number, cylinder pack	98 853-02
Part number, cylinder weight	97 520-53

# INTERSPIRO

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