



Incurve USA



The Incurve USA is a new SCBA with a unique harness developed together with firefighters - with every little detail in mind. With a minimum of textile parts, the Incurve harness is easy to clean, robust and light weight - without compromising comfort. The shoulder straps and hip belt is made non-textile to prevent contamination and designed to be body shaped for excellent ergonomics.

The harness can easily be adjusted for different body sizes in four different size settings (“S”, “M”, “L”, “XL”). The selected size is clearly visible from both the front and the back. Thanks to the practical design the size adjustment can be made with the cylinder mounted and without removing the apparatus from the fire engine.

The regulator unit has a pressure gauge, warning whistle and optional airline connection. The plug-in type regulator is durable and has proven functionality with high flow capacity maintaining the safety pressure also at an extreme rate of breathing and low cylinder pressures. The plug-in type design makes service and repairs easy to perform with short down time.

- Hip belt and shoulder straps move independently for maximum mobility
- Large rescue handle - easy to grab to drag out fire fighter in an emergency
- Open back plate for good ventilation and low weight
- Easy to handle and adjustable cylinder strap
- Multiple attachment points for accessories
- Small and light warning whistle
- Quick attachment of regulator unit

The Incurve USA SCBA is combined with the S-USA face mask and breathing valve presented under “Firefighting/Face Mask”, follow the below links for more information:

- [S-USA Ambient air hatch version](#)
- [S-USA First breath version](#)

Variants with airline connector also have a quick coupling between the breathing hose and the breathing valve. These variants only fit mask assemblies with quick coupling (qc) on the breathing valve.

Variants without airline connector have a threaded connection between the breathing hose and the breathing valve. these variants only fit mask assemblies not having a quick coupling (qc) on the breathing valve.

The SCBA variants exclude face mask, breathing valve and cylinder.

Technical specification

Air flow : 1350 l/min

Approval : NIOSH

Connection : DOT cylinders - 30-60 minutes

Material : Heat resistant polymer backplate

Material (2) : Kevlar webbing

Standard : 42 CFR part 84

Standard (2) : Cylinder - CGA

Warning : Pneumatic whistle

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