



# QS II USA

---



A close cooperation with firefighters and experts in the field of ergonomics has been a defining feature when developing the QS II harness. The ergonomic design of all the components and the many integrated smart features make the harness highly versatile. Each component is carefully selected to ensure that the harness is robust enough to handle the extreme environment for which it is intended.

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
- Ergonomically shaped shoulder straps and hip belt
- 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
- Interchangeable hose holders
- Flexible mounting system for accessories
- Small and light warning whistle

The Incurve USA SCBA is combined with the S-USA face mask and breathing valve presented under “Firefighting” & “Face Masks”, 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

- ✓ Approval : NIOSH
- ✓ Standard : Cylinder - CGA
- ✓ Standard (2) : 42 CFR part 84
- ✓ Material : Heat resistant polymer backplate
- ✓ Material (2) : Kevlar webbing
- ✓ Connection : DOT cylinders - 30-60 minutes
- ✓ Air flow : 1350 l/min
- ✓ Warning : Pneumatic whistle