

SCA 680WX SCA 790WX

SELF-CONTAINED BREATHING APPARATUS



Specification



MODEL		SCA 680WX	SCA 790WX
Service time (at 40 L/min breathing rate)		Approx. 45 min	Approx. 60 min
Fill Gas		Air	Air
Total weight (excl. auxiliary mask, battery, and air)		9 kg or less	11 kg or less
Certification		Certified by the Korea Fire Institute (KFI)	
Cylinder	Volume	6.8 L	9.0 L
	Cylinder liner material	Carbon cylinder(Fully wrapped composite cylinder)	
	Maximum air capacity (L)	Approx. 2,040 L	Approx. 2,790 L
	Weight (excl. air and valve)	Approx. 3.6 kg	Approx. 5.0 kg
	Test pressure (TP)	Approx. 300 bar	Approx. 310 bar
Certification		Inspected by the Korea Gas Safety Corporation (KGS), D.O.T.	

Designed for the most challenging firefighting and rescue operations, this advanced gear provides firefighters with essential tools and features for extreme fire conditions. Prioritizing both safety and efficiency, its design ensures optimal performance in the presence of smoke, fire, and other hazardous situations.

Functions / Features



230° Wide Field of View

Anti-fog film inside the front window
Available in 2 sizes (M/L)



Demand Valve

First Breathing Open(FBO)
Valves open with the first breath without any manipulation after the facepiece is put on



4-point Head Harness

Specifically designed to minimize air leakage, ensuring a secure and airtight fit



Cylinder Connection

Threaded connection
An optional one-touch quick-release connection is also available



Pressure Gauge

Shows low pressure warnings through the red LEDs



Buddy Lights

Locates the wearer and acts as a guide light for evacuees, switching between in use(green) and low residual pressure(red) based on pressure



Magnetic Chest Belt

Magnetic fastener makes it easy to put on and take off



EMS(Equipment Mount System)

Optional multiple gear racks designed for a variety of rescue items