



“How can we make the SCSR even **safer**?”

Traditionally this is the first question we ask ourselves when designing a new self-rescuer. When developing our newest product, we asked a new question:


“How can we make the SCSR **smarter** so that it’s **easier** to be **safe**?”

This change has led to the introduction of the all-new SR2000™, the first in a line of SMARTSCSRs™. With the revolutionary VitalCheck™ onboard electronic monitoring system and wireless inspection capabilities, it is easier and faster than ever to assure proper health of your SCSRs.

SR2000™ Advanced SMARTSCSR™

Featuring VitalCheck™ Electronic Monitoring System

Features and Benefits:

 VitalCheck™ onboard electronic monitoring system for objective, one-step inspection



100 minute duration during a typical walkout



10-year service life (carried and stored)
+ 5 additional years after factory maintenance



Equipped for wireless inspection at the push of a button



No ASMD shake test required



Improved durability that exceeds new NIOSH testing standard



Easy-to-follow user instructions onboard



Industry leading training program including a suite of expectation training devices available





SR2000™ Advanced SMARTSCSR™

Technical Specifications

CSE Corporation
1001 Corporate Lane
Export, PA 15632

1 (800) 245-2224
Fax: (412) 856-9203

Breathing Apparatus

Oxygen Capacity

Rated 80 liters
Actual 100 liters

Operating Performance*

VO₂ 1.0 L/min 100 minutes
VO₂ 1.35 L/min (NIOSH Capacity Test) 74 minutes

Environmental Conditions

Storage Temperature -10°F - 150°F
Operating Temperature 32°F - 150°F
Relative Humidity Up to 100%
Barometric Pressure 700 - 1300 hPa

Breathing Bag Volume > 3 liters

Breathing Resistance (Inhalation plus exhalation)

@ 30 L/min at deployment 50 mm H₂O
@ 30 L/min at 75 minutes 85 mm H₂O

Size and Weight

H x W x D 10.1 x 8.1 x 5.3 inches
Weight (carried) 8.6 lbs
Weight (deployed) 6.5 lbs

**Actual duration depends on the work rate and size of the individual*

VitalCheck™

Battery Type

Lithium manganese dioxide
(Li/MnO₂)

Battery Life

> 5 years (typical)

Communication Frequency

915MHz ISM Band

Communication Range

Up to 10 meters

Status Indicator (Single LED)

- **Pass Inspection**
Flash approx. every 6 seconds
- **Low Battery**
Flash approx. every 60 seconds
- **Fail Inspection**
Off

Approvals

NIOSH Approval

TC-13G-0006

NIOSH Protection Rating

SC/ESC/CAP-3-M-80L

MSHA

18-A160006-0

FCC

2ADSZ-12122014

Industry Canada

12437A-12122014

*“As the industry’s first
SMARTSCSR, the SR2000 ushers
in the next era of safety.”*

