

# BID SPECIFICATION

## AV-3000 HT FACEPIECE

### APPROVALS

- The AV-3000 HT facepiece with Kevlar Head Harness shall be NIOSH approved and NFPA compliant as a component of Scott NFPA 1981:2002 and 2007 Edition CBRN SCBA respirators.
- The AV-3000 HT facepiece meets ANSI Z87.1-2010 standard for “impact” rating and shall be marked as “Z87+”.
- Designed for Top Down Convertibility, the facepiece is pending NIOSH approval for APR and Supplied Air respirators.

### FACEPIECE ASSEMBLY

- The facepiece shall have a large diameter inlet serving as the female half of a quarter (1/4) turn coupling which mates with the positive pressure breathing regulator without the use of tools.
- The full facepiece assembly shall fit persons of varying facial shapes and sizes with minimal visual interference.
- The facepieces shall be available in three sizes, marked “S” for small, “M” for Medium and “L” for large. Nosecups shall be available in 3 sizes, marked “S”, “M” and “L, that may be used with AV-3000 HT facepieces.
- The facepiece assembly, including head harness, shall be latex free.
- The facepiece shall include a faceseal that is secured to the lens by a U-shaped channel frame that is retained to the lens using two fasteners.
- The faceseal shall be a reverse reflex design seal design for enhanced fit and comfort.
- The facepiece shall contain inhalation valves that are readily visible to enable quick visual inspection.
- The facepiece assembly shall be able to incorporate specific approved Scott electronic communications options (amplification, radio interface, wireless, etc) without affecting NIOSH approvals or NFPA/CBRN approvals where applicable.
- The facepiece shall meet the requirements of NFPA 1981:2013 standards for mechanical voice intelligibility, and for amplified voice intelligibility with the EPIC 3 amplifier, EPIC 3 RI, and EPIC 3 Talk-Around.
- The facepiece shall enable installation of communication brackets on either the right or left side.

### FACEPIECE LENS

- In accordance with NIOSH 42 CFR part 84, the AV-3000 HT facepiece meets penetration and impact requirements, including compliance with ANSI Z87.1 - 2010.
- The lens is a component of the facepiece assembly, and shall be a single, replaceable, modified cone configuration constructed of a high temperature and radiant heat resistant non-shatter type polycarbonate material.
- The lens shall be coated to resist abrasion and chemical attack and meet the requirements of NFPA-1981 '02, '07 and '13 editions for lens abrasion.
- The lens shall meet the requirements of NFPA 1981: 2013 Ed. standard for radiant heat and high heat and flame tests.\*
- The lens shall have an anti-fog coating to reduce fogging of the lens.

### HEAD HARNESS

- The head harness is a component of the facepiece assembly, and shall be a five-point suspension made in the fashion of a net hood to minimize interference between securing of the facepiece and the wearing of head protection, and be constructed of a para-aramid material for fire, first responder and CBRN applications.

### WARRANTY

- Scott Safety warrants the Facepiece Assembly to be free from defects in workmanship and materials for a period of ten (10) years from the date of original manufacture by SCOTT.
- Commonly used parts are field replaceable.

## OPTIONS

- Two different prescription lens holders shall be offered to accommodate different user needs.
- An optional neck strap constructed of a para-aramid material for fire, first responder and CBRN applications may be used to carry the facepiece in a ready position.

*\* Product shall have been submitted for certification to 2013 Edition of NFPA 1981 standard*

© 2013 Scott Safety. SCOTT, the SCOTT SAFETY Logo, Scott Health and Safety, EPIC 3 Voice Amplifier, EPIC RI Voice Amplifier, EPIC Voice Amplifier, EPIC 3 Talk Around, and AV-3000 HT Full Facepiece are registered and/or unregistered marks of Scott Technologies, Inc. or its affiliates.

Monroe Corporate Center • P. O. Box 569 • Monroe, NC 28110  
Telephone: 800.247.7257 • Facsimile: 704.291.8330  
[www.ScottSafety.com](http://www.ScottSafety.com) • [sh-sale@tycoint.com](mailto:sh-sale@tycoint.com)

H/S 7102 04/13 ISO 9001 Registered. All rights reserved.

