

# TECHNICAL DATA SHEET

## CONCEPT AIR WELDING HELMET



### DESCRIPTION

The R23AWH9/13 is a respiratory protective automatic heavy duty, heat resistant welding shield with user adjustable external controls for shade setting and grinding mode.

The welding shield is supplied assembled complete with overhead air duct, an elasticated Proban flame retardant face seal which is mounted on the welding shield via Velcro. The shield is fitted with an easily adjustable “wheel” ratchet head harness complete with a brushed Nylon sweatband and adjustable crown strap for maximum comfort. The shield is supplied complete with an air supply hose.



Typical application ARC welding, cutting, grinding.

### SPECIFICATION

Product Code	R23AWH9/13	
Lens Shade	5 - 9 / 9 - 13, Open shade 4	
Window/Lens Size	90mm x 110mm x 8.5mm	
ADF Viewing area	97 x 47mm	
Protective Lens Cover	Outer Lens 118mm x 97mm x 1mm	Inner Lens 104.7mm x 53.8mm x 1mm
Effective hose length	830mm	
Headband Size	52 - 60cm	
Replacement Battery	CR2450	
For use with	ConceptAir Power Unit R232000PLUS	
Weight	Assembled with hose	ADF lens
	970g	108g

### MATERIALS

Hose	PVC with plastic spiral reinforcement
Lens	Glass to Glass Lamination
Welding Shield	Nylon
Protective Lens Cover	Polycarbonate
Lens Cartridge	ABS
Faceseal	Proban®

### EUROPEAN STANDARDS

Product Code	EN 175: Personal protection - Equipment for eye and face protection during welding and allied processes			EN 379: Personal eye-protection	EN 12941: Respiratory protective devices
	F - Low Energy Impact	B - Medium Energy Impact	A - High Energy Impact	Class 1.2.1.1	Class TH2P
R23AWH9/13		✓		✓	✓

## ACCESSORIES

Spare Cover Lens	R23OLCH
Spare Inner Lens	R23ILCH
Spare Face Seal	R23CAWF
Spare Sweatband	R23SBAWH
Spare Auto Darkening Filte	R23ADFH9/13

## PACKAGING AND MAINTENANCE

Packaging	R23AWH9/13: 1 per Box, Box size 27 x 35.5 x 27cm, weight 1.2kg
Storage	The headpiece must be stored in a clean dry atmosphere within the temperature range - 5 °C to + 55 °C at R.H. < 90% in its original packaging. Ideal storage conditions are 5 °C to 35 °C R.H. < 60%. Transport in original packaging. If stored in correct conditions the product has a 5 year shelf life.
Lifetime	The R23AWH9/13 headpiece has a typical in service life of at least 12 months. Excessive wear and tear can considerably reduce the lifespan of the product.
Cleaning	Clean using damp soft cloth
Disposal	Recycle. Look out for the recycling symbol for material category