

### SSR90

The SSR 90 is a chemical oxygen apparatus. It supplies the wearer with oxygen which is generated from a chemical (KO<sub>2</sub>). In a closed circuit the exhalation air of the user is regenerated and enriched with oxygen. The carbon dioxide and humidity of the exhalation air react with the chemical, where by carbon dioxide is removed and oxygen is generated. The oxygen is always generated according to the demand of the wearer. For instance, at heavy workloads and intensive breathing more oxygen is generated than at low ventilation rates as for example when waiting for rescue.

### Application

The oxygen self-rescuer SSR 90 is a respiratory protective device for self-rescue which functions independently of the ambient atmosphere. It protects the wearer during gas outbursts, fires and after explosions against toxic gases and oxygen deficiency while escaping or waiting for rescue.

### Features:

- Packed in a robust stainless steel container.
- Fitted with quick-start chlorate candle.
- MSA Chemical Oxygen has a maximum life of ten years.
- Weight during use: 3.4 kg.
- EN 401.
- Duration: 60 minutes [up to 5 hours at rest].

Part Number	Description
1118701	SSR90 Self Rescuer
1118701R	SSR90 Self Rescuer - NSW Coal Mines Registered
1118709	SSR90 Self Rescuer - Trainer
767173	SSR90 Self Rescuer - Pouch
767209	SSR90 Self Rescuer - Stainless Steel Truck Mount



Schematic Design and Air Flow

