

ROG. RUGGED OXYGEN GENERATOR

The ROG is mission critical kit that enables patients to be safely oxygenated at point of injury in remote combat areas. Solving the safety, size, weight and logistical challenges encountered with traditional cylinders, the ROG delivers medical oxygen to injured warfighters in a combat environment.

In the fight for survival, the ROG enables caregivers to achieve the best possible patient outcomes in some of the most demanding circumstances.

SUPPLY

ROG deploys medical oxygen to a patient in a matter of seconds, and together with its compact size and non-explosive composition delivers optimum performance when it's needed most - in the toughest battle of all, that of survival.

DEMAND

In the heat of the battle, on the front line of the fight for life, the most precious commodity of all is time itself. The difference between life, death or life-changing brain and heart injuries is measured in minutes for some, seconds for others.

ROG. CREDENTIALS



- Designed for pre-hospital casualty care
- Replacement for pressurised canister
- Portable and lightweight
- Non-explosive, non-pressurised
- Delivers $\geq 96\%$ pure oxygen
- Resistant to extremes of temperatures
- 3 year shelf life
- No maintenance, electricity, mixing or filling
- Can be used in any orientation
- Easy to use, intuitive design

ROG PERFORMANCE

Unique to the ROG is its Cool Touch™ thermal management system. Unlike any other product of its kind, advanced technology inside the ROG ensures heat is contained, so the unit stays at a safe temperature during use.

DIMENSIONS (MM) H X D X W
284 X 119 X 118

WEIGHT
2.45kg/5.4lb

DURATION
 ≥ 15 MINUTES

FLOW RATE
 ≥ 6 LITRES
PER MINUTE

ROG DEPLOYMENT

ROG is designed for quick deploy in 3 easy steps.

STEP 1
Attach oxygen tube



STEP 2
Lift lid



STEP 3
Twist dial



TRANSPORT
UN3356
CERTIFIED

HEAT INSULATION
COOL
TOUCH

OXYGEN PURITY
 $\geq 96\%$

ROG. UNRIVALLED PERFORMANCE



The ROG is a solid oxygen system that generates a 15 minute minimum oxygen supply. Designed to enable safe deployment and treatment of casualties with oxygen in conflict zones, the ROG is an innovative development in medical technology that will aid survival of warfighters injured in remote locations.

OUR EXPERIENCE

Molecular Products manufactures mission critical air purification media and products. Militaries and First Responders all over the world rely on our atmosphere management, CBRN filtration and emergency oxygen products to provide Pure Air to protect their warfighters and tactical operators working on the front line.

OUR CAPABILITY

Our solid oxygen systems include the EO2-30 and MilSpec MPOG, used by NATO navies to maintain oxygen levels in submarines, as well as the MineSpec MPOG used globally in mine rescue chambers. From formulation through to manufacture, our exceptional ISO processes ensure our customers receive safe and high quality products every time.

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ROG MEDICAL OXYGEN FOR POINT OF INJURY CASUALTY CARE

