Unit no. FRP-05

IKM Testing AS

POWERED AIR PURIFYING RESPIRATOR, TURBOMASK

Dimensions

Length(mm).....: 1200 Width(mm).....: 800 Height(mm).....: 700
Weight (kg).....: 65
Lifting/ Transportation.....: Alu. box welded on Alu pallet

Construction year

Built.....: 2019

Area of use / certification

Onshore/offshore.....: Offshore
Standard.....: - Fan approval: EN 12941:1998 + A2:2008, EN 12942:1998 + A2:2008, EN 13463-1:2009, EN 60079-0:2012, EN 60079-11:2012
- Mask approval: EN 12941:1998 + A2:2008, EN 14594:2005, EN 166, EN 397
- Directive 1: PPE 89/686/EEC
- Directive 2: ATEX 2014/34/EU
- Fan classification 2: II 2 D Ex ib IIB IIIC T195° Db, II G Ex ib IIA T3 Gb, II G Ex ib IIB T3 Gb
- Mask classification 2: II 2 D Ex ib IIIC T195° Db, II G Ex ib IIA T3 Gb

Type

Users (Qty).....: 5
Description.....: Fresh air package set - complete for 5 users
Fabricator.....: Sundstrøm
Model.....: SR 500 EX / SR 580

Content

Content.....: 5 ea. SR 500 EX Fan unit
5 ea. SR 580 Protective helmet with visor
5 ea. Bags for fan unit and helmet
10 ea Battery SR 502
5 ea. Battery chargers

Filter

Filter element (type).....: Particle filter P3

Additional information

Equipment / Functions.....: SR 500 EX FAN UNIT:
Air flow rate 175/225 ltr/min (Low flow warning level < 175 l/min)
The intrinsically safe SR 500 EX is a battery-powered fan unit that is specially designed to be used in a potential explosive atmosphere. Sundström Safety's powered fan units are designed to give the user the maximum level of protection, comfort, simplicity and cost-effectiveness.

SR 580 PROTECTIVE HELMET WITH VISOR:
The SR 580 together with the battery-powered SR 500, SR 500 EX fan and approved filters are included in the Sundström fan-assisted respiratory protection device systems. The breathing hose of the helmet with visor is to be connected to the fan, equipped with filters. The pressure generated in the visor prevents particles and other pollutants from entering the breathing zone. This combination forms a breathing apparatus designed for continuous air flow, for connection to a compressed air supply. The equipment can be used as an alternative to filter respirators in all situations for which filter respirators are recommended. This applies particularly to work that is hard, warm or of long duration.