EKASTU Safety

Technical Data Sheet — Reactor – P3R

Order no.:	422 608
Product designation:	Special Filter Reactor - P3R
Applied standard:	DIN 3181-3 (DIN = German Institute for Standardization)
Utilization:	In connection with full masks (DIN EN 136) with round thread connection (DIN EN 148-1). Protection against radioactive iodine and iodine methane, as well as particles of toxic and highly toxic substances
Description:	The filter case is round and consists of filter pot and filter lid. The filter pot contains the round thread connection according to DIN EN 148-1; the filter lid is open to the inhalation side. There is a filter bed with activated charcoal. This is firmly fixed by the filter case and internal screens. The particle filter is positioned with inhalation side in front of the gas filter part. The particle filter consists of one construction unit and has bar folding. A gastight connection between the particle filter and the case is provided. Both filter openings are locked by water-vapour-proof cover caps.
Materials:	Filter case: Aluminium, inside coated Sorbents: impregnated active charcoal Particle filter: Microfiberglass, Cellulose fibers, Addition (BIOSTOP) Cover cap: Plastic Banderole: Paper
Operating principle:	By addition to sorbent (Impregnated active charcoal), the gases and vapours will be removed from the ambient air. Particles are filtered through the BIOSTOP microfiberglass filter.
Weight:	approx. 390 gram
Inhalation resistance:	at 30 l/min, constant flow max. 2.6 mbar (according to 3181-3) at 95 l/min, constant flow max. 9.8 mbar (according to 3181-3)
Marking:	Trade mark of manufacturer (LOGO) Product designation Applied standard Consider the Instructions of use Expiry of shelf-life (MM/YYYY) Lot-No. (PARTITA) CE-Identification Notified body Identification color: orange – white
Handling:	Open the Filter (Remove the cover caps) and screw the Filter firmly into the facepiece connector directly before use.
Storage conditions:	Ambient temperature. Protect against cold, heat and humidity. Consider conditions noted on the packaging.
Warning reference:	Please consider the Instructions for use!
User references:	EKASTU Safety GmbH guarantees the indicated achievement according to class and type. It is to be noted that the laboratory test values can considerably deviate from those which are reached in practice. This can lead to longer or shorter preservation time. The user must read and understand all functional information. In addition, the knowledge of all relevant application rules absolutely necessary (in particular the application rules according to BGR 190 (resp. CEN Report 529 „Respiratory protective devices - Recommendations for selection, application, care and maintenance – guide“)).

EKASTU Safety GmbH
Gutenbergstraße 75
D-70197 Stuttgart
Germany

Tel.: +49/711/263590-0
Fax: +49/711/263590-30

info@ekastu.de
www.ekastu.de