

ICAN INTELLIGENT AIR FLOW DEVICE 70-200 is a CE marked turbo unit. Together with ICAN Filters - ICAN Full Face mask – helmet – hood – welding shield or face shield, it constitutes approved systems for clearing inhalation air of noxious particles, noxious vapours or noxious gases in order to protect the user's respiratory organs. It may also be used to protect the user's eyes, face and head, depending on which main part has been selected. ICAN INTELLIGENT AIR FLOW DEVICE 70-200 is tested and approved in accordance with the European standards EN 12941:1998 and EN 12942:1998.

ICAN INTELLIGENT AIR FLOW DEVICE 70-200 is the result of extensive research and development during which practical tests under extreme working conditions have contributed to giving 70-200 its excellent features. In order to achieve optimal protection in every conceivable situation, 70-200 will be tested continuously together with main protective products from other manufacturers, including new ICAN Filters with standard thread connection.

ICAN INTELLIGENT AIR FLOW DEVICE 70-200 is of the highest possible quality, which can clearly be seen in its performance:
Very high level of protection combined with great comfort for the user when working.

MOTOR/BLOWER UNIT:

70-200 is manufactured in hard plastic, which contributes to its lightness and durability, and makes it easy to clean. It can withstand showers during use, provided an ICAN shower cap has been fitted to the inlets on the 2 attached filters. The curved shape of the unit makes it capable of harmonising with body movements, giving maximum comfort. In addition, the construction of 70-200 gives the following advantages: quick and easy to change battery or filter, easy to maintain, ready for use even after being stored for long periods.

INTELLIGENT ELECTRONIC CONTROL:

Has advantages such as: regulated air supply, not too much and not too little. No manual adjustments to the supply when you change from mask to helmet or face shield. The battery's service life is increased. 'Ready to use' sound signal. Alarm sound signal with: low battery, blocked filter, low air supply, leaking hose. Not only this, advantages are gained, such as high capacity with just 2 filters and a longer lifetime of the filters. For the purchaser, this is synonymous with cost-effectiveness.

BELT:

70-200 is fitted with an adjustable belt. A rubber thread is woven into the belt which gives it a slip-reducing effect. It is also possible to requisition a belt made of acrylonitrile-butadiene rubber which has chemical strength and is especially suited to clinical areas.

BATTERY AND CHARGER:

As a sub-component to 70-200 a re-chargeable battery can be obtained of the type NiMH. The battery's capacity lasts a normal working day. This capacity has been selected carefully in order to give the user optimal working conditions and reduce superfluous weight. This is an intelligent charger which extends the battery's lifetime considerably. (It can discharge, and even tell when the battery is fully charged)

If the user wishes, a battery box for (6x1,5V type LR14) batteries may be ordered. This battery solution is optimal when keeping equipment in store for use in emergency situations, since this type of battery has longer durability when it has been kept unopened in its packaging.

FILTERS:

Only ICAN Filters with standard thread connection, tested and approved for use with ICAN INTELLIGENT AIR FLOW DEVICE 70-200 may be used. These filters contribute to ensuring the utmost safety for the user. Also their shape and thread type makes them quick and easy to change.

AIR HOSE:

In order to give the user a feeling of freedom and ease while working, 70-200 is equipped with a flexible air hose with standard thread connection. This makes it easy to move from, for example, a mask to a helmet. The hose is made of rubber and is large in diameter which considerably reduces air noise from the hose.

TECHNICAL SPECIFICATIONS:	
Colour.....	Black
Motor/Blower unit.....	POM, chemical-strong, Hard plastic (weight 600 g.)
Intelligent Electronic Monitoring:	Sound signals
-attachable ICAN Mask.....	130-150 l/min.
-attachable hood / screen/ face shield.....	70-150 l/min.
Belt.....	Adjustable 0-125 cm.
Battery.....	NiMH, in PP-box (weight 590 g.)
Charger.....	Intelligent (100-240 V)
Filters.....	ICAN Filters with standard thread connection
Air hose.....	Flexible rubber hose with standard thread connection
Approval.....	EN12941:1998 EN12942:1998
ICAN Mask.....	See specific data sheet
ICAN Filters.....	See specific data sheet
Hood/ screen / face shield.....	See specific data sheet

ICAN INTELLIGENT AIR FLOW DEVICE:	
Item no:	Description
70-200	ICAN Intelligent Air Flow Device with belt and flow meter

EQUIPMENT:	
Item no:	Description
70-001	Hose with standard thread connection
70-010	Battery, NiMH chargeable
*70-020 (E-G-U-A)	Charger Intelligent (100-240V)
40-901	Shower cap for filter
*Order mains supply plug for: EU, GB, USA, AUSTRALIA	

SUB-COMPONENTS:	
Item no:	Description
70-006	Flow meter
70-015	Battery box for (6x1,5V type LR14)
70-030	Complete belt, woven
70-031	Complete belt of acrylonitrile- butadiene rubber
70-201	Packaging kit

AREAS OF USE (EXAMPLES):
<ul style="list-style-type: none"> ★ Chemical production ★ Medical production ★ Oil and gas extraction ★ Laboratory work ★ Paint work ★ Metal work ★ Welding ★ Asbestos work ★ Work with grain and animal feed ★ Work with earth and concrete ★ spray treatment with pesticides ★ Metal degreasing with solvents

WARNING!

If the oxygen content of the air is less than 17% (volume) oxygen, or if the gas concentration exceeds the level that is permitted for the filter, air distribution must be supplied that is not dependent upon the surrounding air.

If the polluted air's oxygen content is 17-21% (volume) oxygen, ICAN INTELLIGENT AIR FLOW DEVICE 70-200 may be used with a gas filter, particle filter, or a combination filter with standard thread connection. See technical data sheet for ICAN-Filters with standard thread connection.

Read the user instructions carefully for ICAN INTELLIGENT AIR FLOW DEVICE 70-200 before using.

