

Fume hoods

Intosafe

INTOS Lab Solutions' fume hoods are designed to meet the highest standards such as the NEN14175 and NRP4500 guidelines. To ensure safety in every situation, we offer validation services for our fume hoods.

Our diverse range of fume hood models prioritizes ease of use. The various components are easily accessible, and thanks to the smart design, the fume hoods can effortlessly accommodate additional options. Utilizing a VAV-system reduces power consumption, contributing to sustainability.

In addition to our standard Intosafe fume hoods, INTOS Lab Solutions offers two special models:

- ▶ **Walk-intosafe:** This walk-in fume hood is suitable for various projects and offers added convenience with its movable intermediate window.
- ▶ **Table-intosafe:** Ideal for laboratories with limited space, this tabletop fume hood can easily be placed on any laboratory table.

With our extensive selection of fume hoods and specialized models, INTOS Lab Solutions provides customized solutions that meet the specific needs of your laboratory.

INTOS Lab Solutions

At INTOS Lab Solutions, we take pride in our extensive knowledge and our position as a leading supplier of laboratory furnishings.

We go beyond mere supply – we act as project manager, consultant, sustainable maintenance manager, and main contractor for turnkey solutions. Our services and products are available to a wide range of organizations, from biotech and pharmaceutical companies to educational, healthcare, and high-tech institutions. We understand the specific requirements of each sector and deliver customized solutions that meet high standards. Additionally, we offer excellent service and maintenance through our nationwide operating team.

Our team values a personal and flexible approach tailored to your needs, which uniquely sets us apart.

Models and specifications



Intosafe 12/15/18

Single or double-user built-in or standalone fume hood. Ceramic worktop with solid core airflow baffle. Standard features include manual sash operation, LED >700 LUX light source, 2 power sockets, optical and acoustic alarm. Certified according to the NEN14175 standard and NPR4500 guideline.



Walk-intosafe 15/18

Built-in or standalone walk-in fume hood. Solid core airflow baffle. Standard features include manual sash operation, LED >700 LUX light source, 2 power sockets, optical and acoustic alarm. Build according to the NEN14175 standard and NPR4500 guideline.



Table-intosafe 15/18

Standalone tabletop fume hood to be placed on a lab table. Solid core airflow baffle. Standard features include manual sash operation, LED >700 LUX lighting source, optical and acoustic alarm. Build according to the NEN14175 standard and NPR4500 guideline.

Models	External			Internal		
	Width	Depth	Height	Width	Depth	Height
IntosafeI2	1200 mm	884 mm	2500 ~ 2580 mm	1152 mm	625 mm	1275 mm
IntosafeI5	1500 mm	884 mm	2500 ~ 2580 mm	1452 mm	625 mm	1275 mm
IntosafeI8	1800 mm	884 mm	2500 ~ 2580 mm	1755 mm	625 mm	1275 mm
Walk-intosafeI5	1650 mm	1100 mm	2500 ~ 2580 mm	1455 mm	810 mm	2030 mm
Walk-intosafeI8	1950 mm	1100 mm	2500 ~ 2580 mm	1755 mm	810 mm	2030 mm
Table-IntosafeI2	1200 mm	738 mm	1300 mm	1080 mm	560 mm	998 mm
Table-IntosafeI5	1500 mm	738 mm	1300 mm	1380 mm	560 mm	998 mm
Table-IntosafeI8	1800 mm	738 mm	1300 mm	1680 mm	560 mm	998 mm

Expansion options

The fume hood can be customized with the following options:

- ▶ Various types of technical and flammable gas taps (3.0 or 5.0)
- ▶ Additional wall sockets
- ▶ Internal wall sockets (EX)
- ▶ LCD display with real-time alarming and readings
- ▶ VAV-system
- ▶ Automatic sash operation with timer and sensor
- ▶ Tripod mounting
- ▶ Waste disposal system with level sensor (S.C.A.T.)
- ▶ Horizontally movable window (not compatible with VAV)
- ▶ Base cabinet type:
 - ▷ Regular
 - ▷ Fire-resistant (90 minutes)
 - ▷ Chemical resistant
- ▶ Sprinkler installation
 - ▷ ABC fire extinguisher powder
 - ▷ CO₂ fire extinguishing gas

Destruction-Intosafe

INTOS Lab Solutions offers the option to configure fume hoods as destruction fume hoods. The destruction fume hood can be expanded with a spray installation and/or a gas scrubber.

If the desired option is not listed or if you are interested in other possibilities, please feel free to contact us.

Why Intosafe?

- ▶ Meets NEN14175 norm and NPR4500 guidelines
- ▶ Easily expandable with additional options
- ▶ Maintenance can be easily performed on-site





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*Do you need another solution?
Please feel free to contact us!*

Why choose INTOS Lab Solutions?

- ▶ Total supplier of laboratory furniture and equipment
- ▶ Short lead times due to deliveries from our own stock
- ▶ Option for fully customized solutions
- ▶ Expertise, flexibility, and dedication
- ▶ Maintenance and service for a sustainable laboratory