



TRANSIT!TM

IVC RECOVERY AND TRANSPORT UNIT

- Ergonomics in cage movement
- Battery backup (UPS)
- Flexibility: suitable for mouse and rat cages



IVC Transport Unit



IVC Recovery Unit



HOUSING



TECNIPLAST

*innovation through passion*SM



IVC Transport and Recovery Unit

1/IVC Transport Unit

The IVC Transport Unit has been developed to move the cages from a stock/breeding rack to an experimental area and/or to move the animal groups between units, **maintaining the same ventilating conditions of the IVC rack.**

It can also be used as an emergency IVC unit for a small number of animals of high value or as a waiting rack for animals under experimental procedures.

No more non-ventilated cages with animals waiting around.

2/Suitable for Different Type of Cages

Mini-racks may be installed. These mini-racks are removable, autoclavable and interchangeable.

3/IVC Recovery Unit

The IVC Recovery Unit is a TECNIPLAST product designed to **ensure a controlled temperature and ventilation environment** for animals during post-surgical treatment and isolation of selected weak/sick groups of animals for Veterinary inspection or treatment.

4/Good Visibility & Thermal and Acoustic Isolation

The IVC Recovery Unit has an enclosure made of glass which allows to see inside and insulates the chamber thermally and acoustically.

The air inside the chamber is warmed by the heating element controlled by the software.

5/Uninterruptible Power System (UPS)

The Uninterruptible Power System (UPS) ensures power without mains supply for both Transport and Recovery units.

IVC Transport Unit



Suitable for Different Type of Cages



IVC Recovery Unit

3



Good Visibility & Thermal and Acoustic Isolation

4



Uninterruptible Power System (UPS)

5



TECHNICAL SHEET

IVC Transport Unit

Cage	N° of cages	Levels	Species
1145T	10	2	Mouse
	15	3	
1284L/1285L	8	2	Mouse
	12	3	
1291H	6	2	Mouse/Rat
	9	3	
GM500	10	2	Mouse
	15	3	
	20	4	
GR900	6	2	Rat
	9	3	

Overall Dimensions (L x W x H):

• 1145T

10 cages: 1402 x 745 x 1039 mm - 55.20 x 29.33 x 40.90 in
15 cages: 1402 x 745 x 1194 mm - 55.20 x 29.33 x 47.00 in

• 1285L

8 cages: 1402 x 745 x 1139 mm - 55.20 x 29.33 x 44.84 in
12 cages: 1402 x 745 x 1180 mm - 55.20 x 29.33 x 46.45 in

• 1291H

6 cages: 1402 x 745 x 1139 mm - 55.20 x 29.33 x 44.84 in
9 cages: 1402 x 745 x 1426 mm - 55.20 x 29.33 x 56.14 in

• GM500

10 cages: 1402 x 745 x 1026 mm - 55.20 x 29.33 x 40.39 in
15 cages: 1402 x 745 x 1207 mm - 55.20 x 29.33 x 47.52 in
20 cages: 1402 x 745 x 1388 mm - 55.20 x 29.33 x 54.64 in

• GR900

6 cages: 1402 x 745 x 1133 mm - 55.20 x 29.33 x 44.60 in
9 cages: 1402 x 745 x 1366 mm - 55.20 x 29.33 x 53.78 in

IVC Recovery Unit

Cage	N° of cages	Levels	Species
1145T	10	2	Mouse
1284L/1285L	8	2	Mouse
1291H	6	2	Mouse/Rat
GM500	10	2	Mouse
GR900	6	2	Rat

Overall Dimensions (L x W x H):

1402 x 745 x 1198 mm - 55.20 x 29.33 x 47.16 in

Heating System:

T_{max} = 35°C (95°F) if the environmental temperature is around 23°C (73°F).
Set temperature cannot be lower than environmental temperature.

IVC Transport Unit and IVC Recovery Unit

Airflow:

Pos/Neg, easily settable via the control panel.

Control:

Microprocessor driven (Automatic constant flow rate and filter load compensation) with Touch screen.

Power Consumption (serving four racks) (W):

≤ 50 (Transport Unit) • ≤ 300 (Recovery Unit)

Heat Load (W):

50

Communications:

Wireless / Serial Data Transfer / Dry contact integration to the BMS available.

HEPA Filters Efficiency:

99.995% at the most penetrating particle size - H14 HEPA filters. Each AHU is leak & HEPA filter installation tested (D.O.P.).

G4 Prefilters Arrestance:

≥ 90% (average synthetic dust weight arrestance).

Noise:

≤ 50 dB(A)

Related Products

To maximise operational efficiency and learn more about these products contact your local representative.



Sealsafe: Sealsafe is the original Tecniplast IVC, featuring a wide range of cages to house different animal species (from mice to guinea pigs).



Sealsafe Plus: high containment, certified protection from allergens, high density and practicality of use. The IVC (r)evolution.



Sealsafe NEXT: high animal welfare, high protection for operators and cage occupants.

ENVIRONMENTAL SUSTAINABILITY: MINIMIZE IMPACT MAXIMIZING VALUE

What Tecniplast did to become leader in sustainability:

Company:

- Quality Management System Certification according to ISO 9001 and Environmental Management System Certification according to ISO 14001.
- Certified Environmental Report according to Eni Foundation Enrico Mattei Guidelines.

Products:

- Life Cycle Assessment (LCA) according to ISO 14040 and ISO 14044.
- Carbon Footprint according to PAS 2050.
- Environmental Data Sheet according to ISO 14025.
- Contribution to credits under the LEED rating system.



ISO-9001
Cert. n° 0875



ISO-14001
Cert. n° 0256A/0



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