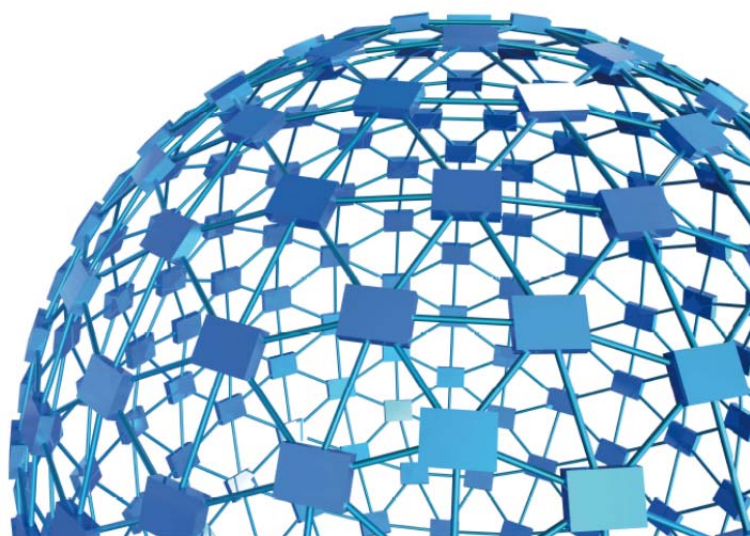




# assembling instruction

**Sociability Cage**  
**Cat. No. 46503 / 46553**



**UGO BASILE S.R.L.**

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## CHECK-LIST

- ☐ Cat. No. 46503 Sociability Cage
- ☐ Cat. No. 46553 Sociability Cage

CLIENTE / CUSTOMER \_\_\_\_\_

Ordine No. / Order No. \_\_\_\_\_ Data / Date \_\_\_\_/\_\_\_\_/\_\_\_\_

UB code	CAT.No.	46503	46553	✓	DESCRIPTION
	46503-010	1			3-CHAMBERED TRANSPARENT CAGE, WITH TWO DOORS
	46553-010		1		3-CHAMBERED OPAQUE GREY CAGE, WITH TWO DOORS
	46503-003	2	2		GRID ENCLOSURE FOR SOCIABILITY, GREY, I.D. 7cm, 15cm(H)
	46503-320	1			SET OF 2 TRANSPARENT LIDS
M-LM 570		1	1		METAL FLOOR, SPECIAL NON-REFLECTIVE COLOR
	46503-302		1		INSTRUCTION MANUAL
OPTIONAL					
	46503-003				GRID ENCLOSURE ("STRANGER" CAGE) GREY, I.D. 7cm, 15cm(h)
	46503-005				GRID ENCLOSURE ("STRANGER" CAGE) GREY, I.D. 10.5cm, 18cm(h)
	46503-013				GRID ENCLOSURE ("STRANGER" CAGE) WHITE, I.D. 7cm, 15cm(h)
	46503-015				GRID ENCLOSURE ("STRANGER" CAGE) WHITE, I.D. 10.5cm, 18cm(h)

DATE     /     /	Serial No.	IMBALLATO DA / PACKED BY
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### IMPORTNT/IMPORTANTE:

Check the shipment for completeness immediately after receipt: should you find any discrepancy, please fill in the following part and transmit it to our fax no. +39 0332 745488

Al ricevimento della merce controllate che la spedizione sia completa: in caso di discrepanza, completate il formulario di seguito riportato ed inviatelo al nostro fax no. 0332 745488

FROM: Name	Company/Institution
DATE	REF.

NOTE

## Sociability Apparatus ( 3-chambered social test )

Cat. No. 46553

### General

Research has shown that, although human social behavior is generally more complex, humans and animals share some aspects of social behavior.

The 3-chambered test is a valuable tool to assess general sociability and interest in social novelty in rodent models of CNS disorders.

Rodents normally prefer to spend time with another rodent (**sociability**) and will investigate a novel intruder more than a familiar one (social novelty).

Based on these inclinations, the Three Chamber Test can help identify rodents with deficits in sociability and/or social novelty.

The **Ugo Basile Sociability Apparatus** consists of a 3-chambered cage, with grey opaque walls, a special non-reflective grey-colored floor and 2 grid enclosures.

Many authors (e.g. Moy et al. 2004; Nadler et al. 2004) have shown that a 3-chambered box can be used to test:

- Social Novelty Preference
- Sociability
- Dominance
- Autism



### FOR STUDIES

- Autism
- Social Memory & Novelty
- Pair-bonding
- Dominance hierarchies



### Main Features

- Works even with the most basic video-tracking software
- Grid Enclosures maximize animals interaction
- A model with transparent wall is available (46503).
- The grey floor gives high contrast with both light and dark animals
- The special painting gives a slightly rough surface, pleasant for the animals to walk on.

## CONTENTS

<b>1</b>	<b>GENERAL .....</b>	<b>1</b>
<b>2</b>	<b>CAGE ASSEMBLY .....</b>	<b>1</b>
2.1	ASSEMBLE CAGE 46503 (TRANSPARENT WALLS) .....	1
2.2	ASSEMBLE CAGE 46553 (GREY OPAQUE WALLS) .....	2
2.3	POSITION THE “STRANGER” CAGE .....	4
<b>3</b>	<b>CUSTOMER SUPPORT .....</b>	<b>5</b>
<b>4</b>	<b>ORDERING INFORMATION .....</b>	<b>5</b>
4.1	GRID CAGES AND OPTIONALS .....	6
4.2	VIDEOTRACKING .....	6
4.3	PHYSICAL .....	6

# Sociability Cage

Cat. No. 46503 / 46553

## 1 GENERAL

The Ugo Basile Sociability Cage consists of a 3-chambered cage, with 2 grid enclosures and a special non-reflective grey-colored floor, providing ideal conditions for videotracking.

The 46553 perimetral walls and internal partitions of grey opaque PVC form a 3 compartment box, each 20x40x22(h)cm; two sliding doors (5x8(h)cm), opening on the central compartment, can be closed to confine the animal.

Model 46503 has transparent walls and partitions: the clear Perspex is ideal for visual observation of the experiment or for side positioning of the video-camera. The 46503 Sociability Cage with transparent walls, partitions and lids is disassembled for shipping.

The grey metal floor gives high contrast with both light & dark animals, allowing for automated video-tracking of the animals.

Its special painting also gives a slightly rough surface, pleasant for the animals to walk on.

The grid enclosures allow mice to interact closely; the grid bars have a diameter of 3mm and are spaced 7mm.

The standard enclosures are 15cm tall with an I.D. of 7cm. The top and the bottom are made of grey (46503-003) or white (46503-013) PVC.

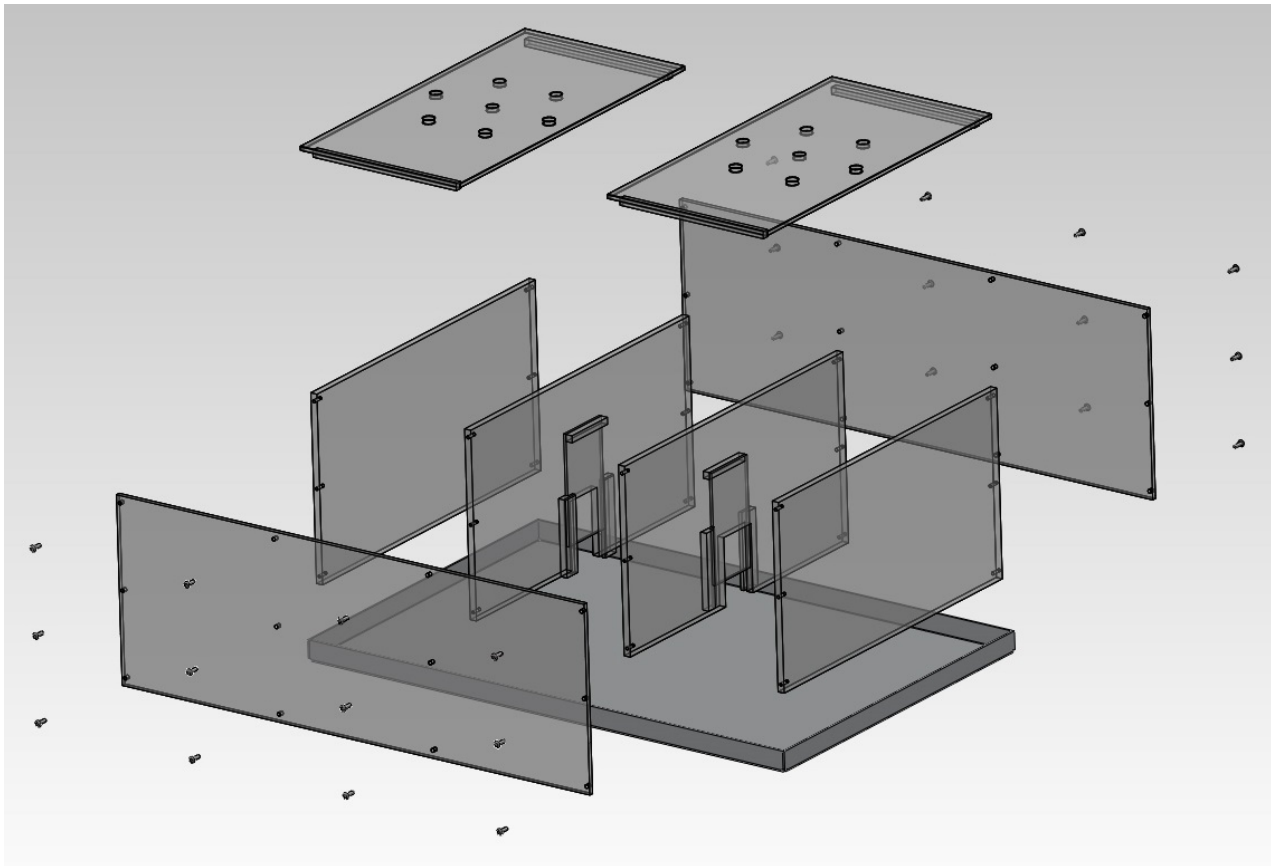
## 2 CAGE ASSEMBLY

### 2.1 Assemble Cage 46503 (transparent walls)

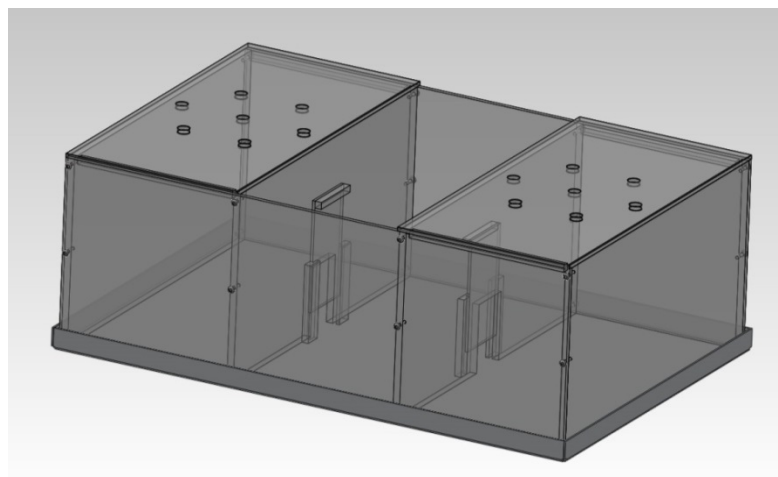
Model 46503 has transparent walls and partitions: the clear Perspex is ideal for visual observation of the experiment or for side positioning of the video-camera. The 46503 Sociability Cage with transparent walls, partitions and lids is disassembled for shipping.

Assemble the cage according to the following drawing, and fix the perimetral walls and the internal partitions by screws provided. Do not exert excessive torque, to avoid damaging the plastic walls.

Position the cage into the grey metal catch pan which also serves as background for videotracking.



Once the cage is assembled, position the two manual sliding-doors, and finally the transparent lids (if necessary)



Assembled cage 46503

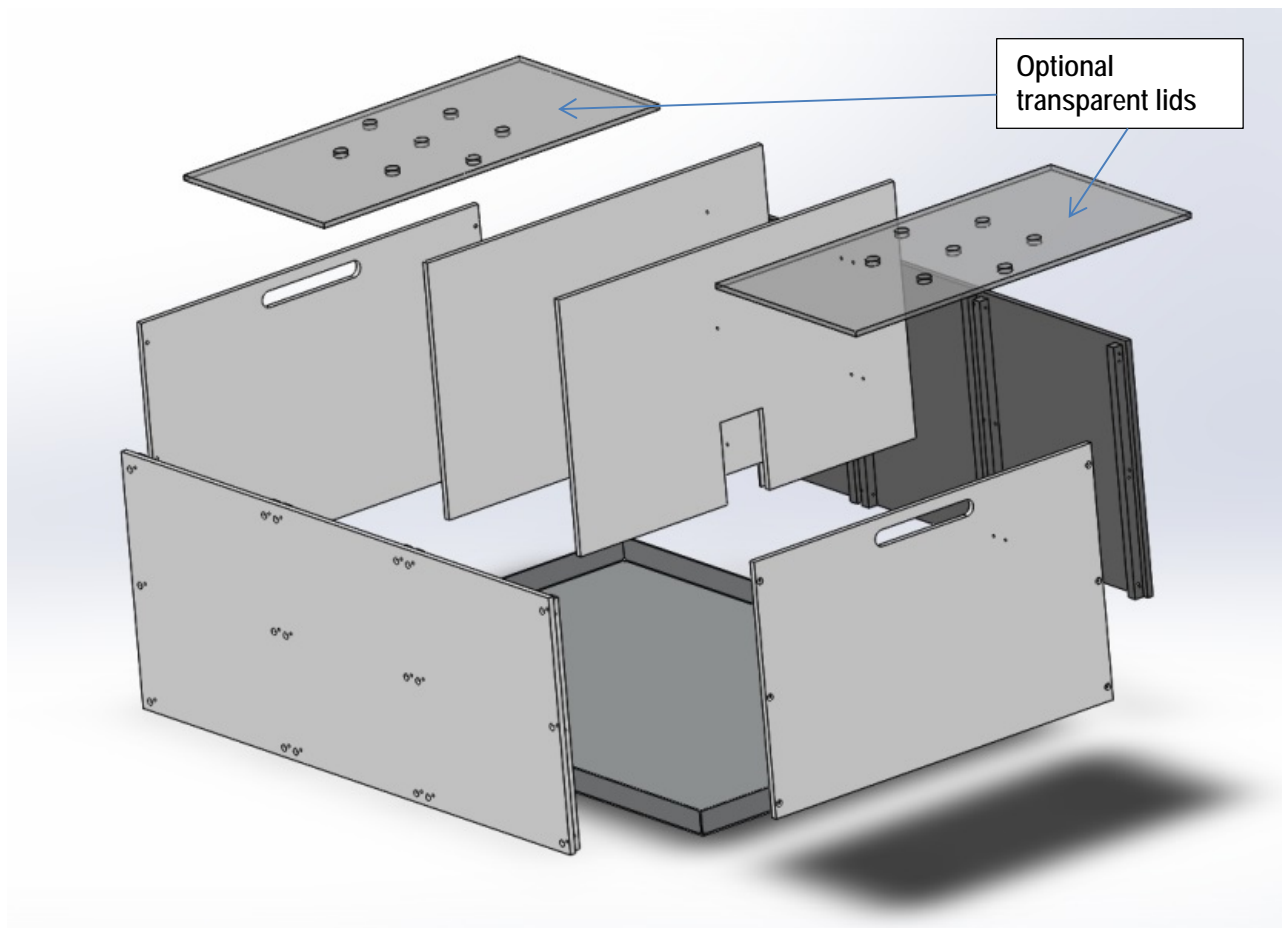
## 2.2 Assemble Cage 46553 (grey opaque walls)

The 46553 Sociability Cage with opaque walls and partitions is disassembled for shipping.

Assemble the cage according to the following drawing, fixing the perimetral walls by screws provided. Do not exert excessive torque, to avoid damaging the plastic walls.



The internal partitions slide in the slots provided on the longer external walls, and can be quickly removed for easy cleaning.



Once the cage is assembled, position the two manual sliding-doors. The 46553 is not provided with lids, which can be ordered separately (46503-320).



Assembled cage 46553

## 2.3 Position the “Stranger” Cage





### 3 Customer Support

For any further information you may need concerning the assembly and/or use of the 46503 and 46553, please do not hesitate to contact our **service department** (or our local distributor) either directly or via our support page <http://www.ugobasile.com/support.html> :



#### **UGO BASILE s.r.l.**

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**logistics@ugobasile.com**  
**sales@ugobasile.com**

### 4 Ordering Information

**46553** **Mouse Cage for Sociability, with opaque grey walls and partitions**, complete with following components:

- 46503-003 Grid Enclosure for Sociability ("stranger" cage) **grey**, I.D. 7cm, 15cm(h)  
(2 pieces are provided)
- 46553-010 3-Chambered Opaque Grey Cage, with two doors
- M-LM 570 Metal Floor, special non-reflective color

**46503** **Mouse Cage for Sociability, with transparent walls, partitions and lids**, complete with following components:

- 46503-003 Grid Enclosure for Sociability ("stranger" cage) **grey**, I.D. 7cm, 15cm(h)  
(2 pieces are provided)
- 46503-010 3-Chambered Transparent Cage, with two doors
- 46503-320 Set of two transparent lids
- M-LM 570 Metal Floor, special non-reflective color

**46513** **Mouse Cage for Sociability, with transparent walls, partitions and lids**, complete with following components:

- 46503-013 Grid Enclosure for Sociability ("stranger" cage) **white**, I.D. 7cm, 15cm(h)  
(2 pieces are provided)
- 46503-010 3-Chambered Transparent Cage, with two doors
- 46503-320 Set of two transparent lids
- M-LM 570 Metal Floor, special non-reflective color

## 4.1 Grid Cages and Optionals

- 46503-003 Grid Enclosure for Sociability ("stranger" cage) **grey**, I.D. 7cm, 15cm(h)
- 46503-005 Grid Enclosure for Sociability ("stranger" cage) **grey**, I.D. 10.5cm, 18cm(h)
- 46503-013 Grid Enclosure for Sociability ("stranger" cage) **white**, I.D. 7cm, 15cm(h)
- 46503-015 Grid Enclosure for Sociability ("stranger" cage) **white**, I.D. 10.5cm, 18cm(h)
- 46503-320 Set of two transparent lids

## 4.2 Videotracking

- 60000 ANY-maze, flexible video tracking system designed to automate testing in behavioural experiments. Full License, including technical support and all updates for a period of 1 year. See <http://ub.anymaze.com>
- 47400-040 B/W USB Camera, including day&night 2.7-13.5mm varifocal lens, 5m USB cable and ceiling support

## 4.3 Physical

Dimensions	60x40x22(h)cm
Weight	9Kg
Shipping Weight	12Kg
Packing	67x42x53cm