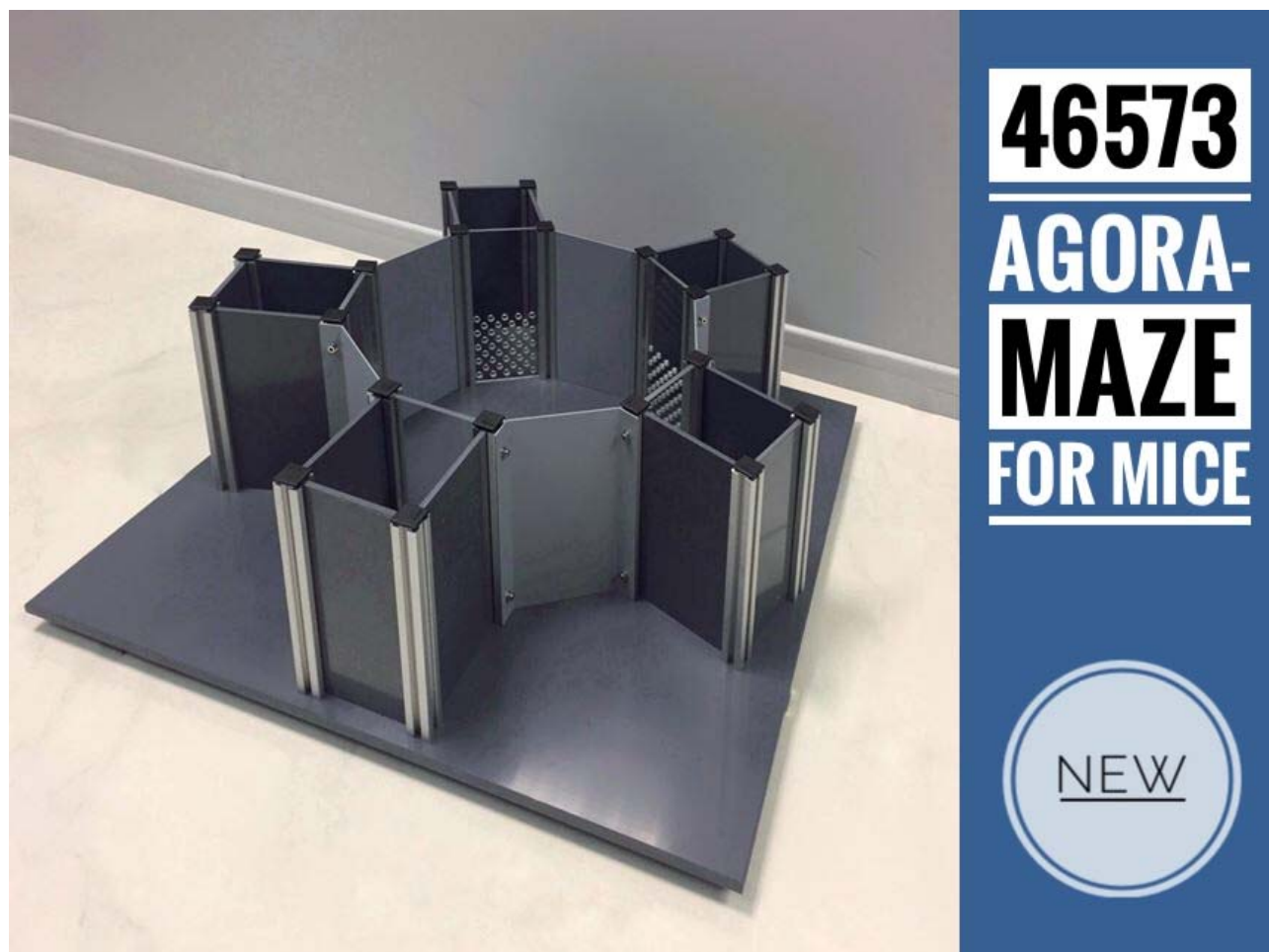


UGO BASILE S.R.L.

[www.ugobasile.com](http://www.ugobasile.com)



*preliminary datasheet*

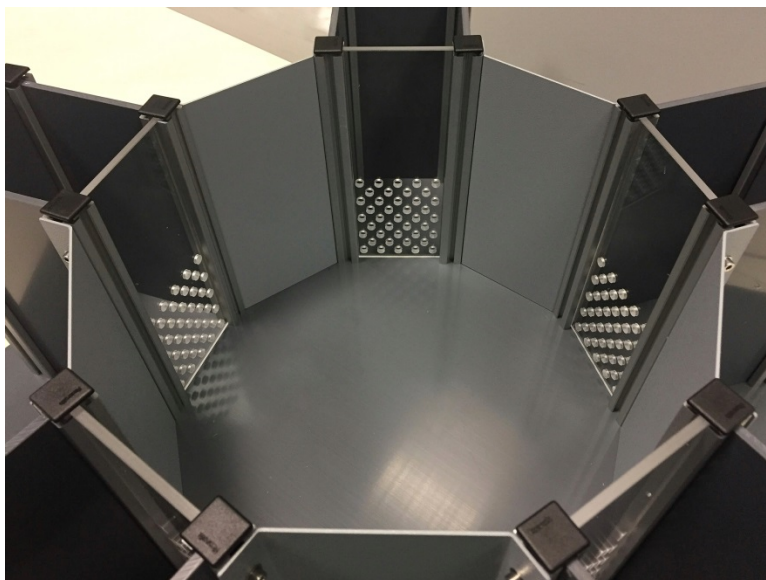


## SOCIABILITY APPARATUS FOR MICE (SocioBox Method)

### Instrument Description

This new **Sociability Apparatus for Mice**, designed according to the SocioBox protocol) consists of a plastic base, on which 5 boxes are arranged so as to create a central open arena. The diameter of the central arena is 34cm.

The experimental mouse is placed in the central arena, while 5 stimulus mice are placed in the external boxes, whereas the experimental subject is the mouse being tested for social recognition, while the stimulus mice are the interaction partners for subject on test.

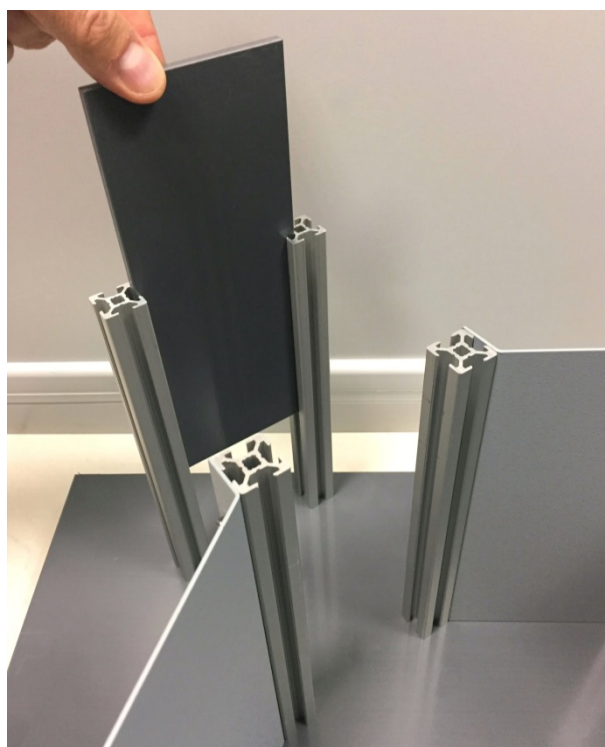
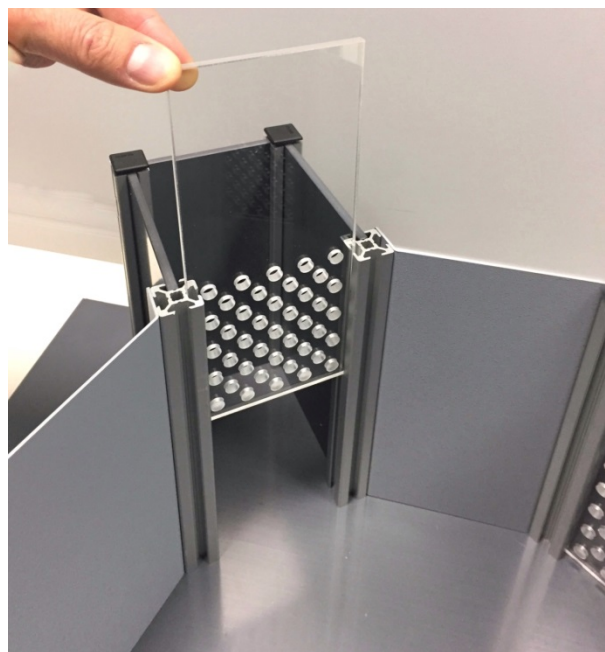


The external boxes, dimensioned 8.5(w)x11.5(l)x20.(h)cm, consist of three walls of opaque grey PVC, and a forth wall, facing the central arena, made of clear Perspex.

The transparent walls facing the arena are provided with suitable holes to enable social interaction and exchange of odors between the experimental subject and the stimulus mice.

A circular opaque plastic enclosure (diameter 19cm, height 18cm, without a floor) is used in the initial phase to spatially and visually separate the experimental mice from the boxes containing the stimulus mice.

The external boxes can be completely and quickly disassembled for easy cleaning.



### Optimized for Video-Tracking

The grey floor gives best contrast to both light and dark animals, which is the most critical factor for any video-tracking software to work properly. Software is not included in the package and has to be ordered separately.

### Ordering Information

**46573** Agora-Maze, Sociability Apparatus for Mice (SocioBox Method)

### Bibliography

**Method Paper:** D. Krueger-Burg et alia “**The SocioBox: A Novel Paradigm to Assess Complex Social Recognition in Male Mice**” *Frontiers in Behav. Neurosc.*, Aug. 2016