

Time's up for mice – use of complementary traps

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“Ramp trap” The CLASH! trap ready to use. Photo: Liphatech

Two complementary solutions for rodent control have recently been introduced to the market by Liphatech. The first is ALL IN BOX®, a connected versatile bait station used to detect rodents – rat or mouse – and to control them. The second is CLASH!®, a multi-catch electromechanical trap for the continuous capture of mice.

These two devices were tested in the field at the same time. Used together, these two complementary solutions prove to be extremely effective in solving mouse problems. The tests took place in a food storage facility in partnership with pest control professionals. The aim was to test connected detection units alongside several multi-catch traps in real-world conditions. These tests made it possible to confirm a new control approach which consists of associating ALL IN BOX® and CLASH!®. The idea of such approach came from the pest control operator (PCO) and the site owner who both wanted to test the two innovations at the same place and over the same period.

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Complementary solutions

The connected device ALL IN BOX® monitors rodent presence and bait consumption. The station comprises photographic sensor technology, so the PCO knows what's inside. It also detects if the bait has been consumed. In addition, the digital proximity sensor identifies the pest species: rat or mouse. Thus, the device can confirm whether rodents are passing through, where, and whether placebos are consumed, or even whether mechanical traps have been triggered. Once the area of activity is confirmed, the applicator can easily position the curative solutions of their choice: mechanical or bait, depending on the type of infestations (low, medium, or high).

“When we talk about connected solutions, most people imagine that all the traps positioned on a site should be replaced by a connected unit, but this is not the case”, declares Marc Gelineau, Liphatech Business Manager. According to him, these new digital stations should only be limited to sensitive areas where the presence of rodents is not acceptable, and

where the use of conventional solutions is not recommended or even prohibited.

On the tested site, the digital connected device was positioned in addition to multi-catch traps, which capture and eliminate up to 25 rodents each. “CLASH!® is a trap that presents several advantages for the technician which make it easy and pleasant to work with”, says Maher Al Ayya, Liphatech Project Manager. It is light, less than 2kg, and therefore very easy to move and to position it is also very compact with a cube shape and sides of 25 cm”. It is simple to use, and there is no liquid waste to collect and bring to a suitable treatment centre. The pest control operator has no contact with the mice thanks to the bag so emptying the trap is quick and hygienic for them. Thanks to its perfectly hermetic seals, the trap is suitable for premises frequented by staff who will not be bothered by unpleasant smells.”

Why such a choice?

Technical Manager Damien Barrau explains that in order to solve a mouse problem quickly and effectively, it is necessary to



carefully inspect the areas of rodent activity but also to get as close as possible to the nests. This requires a detailed inspection. However, the technicians very often run out of time. As a result, it is difficult for them to identify these areas of activity and correctly position bait stations and traps.

“The mouse has a 10m² territory around its nesting area, which is often inside walls, expansion joints, he explains. And an infestation is made up of several small colonies...” He adds that it is difficult to easily control mice while remaining static, especially if trapping is the chosen control method. Mice control must therefore be dynamic.

Technical Procedure

Being able to do remote monitoring through different connected units maximizes the subsequent use of mechanical control.

With the digital trap the PCOs identify areas of infestation. With the multi-catch

trap they control populations. For more responsiveness, the two innovations allow the connection to the aegis connect platform. The access is included in the overall solution. This platform is very user friendly to use. It brings together capture and detection data for an overall view of the site that is protected thanks to prior recording of the site’s plans.

The multi-catch traps were placed on the areas with a proven mice presence. In addition, the analysis of the data transmitted by the connected stations made it possible to correctly place other multi-catch traps in order to complete the treatment.

Maher summarizes: “on the site, we have put several connected stations to do monitoring in sensitive areas. Wherever the monitoring indicated signs of presence and consumption by mice, we placed multi-traps for curative control. We did the same in the areas where the presence of mice was confirmed following feedback from the staff on site”.

All’s well that ends well

Quite quickly, the rodent infestation was resolved on this site, which follows the IFS standard (International Features Standards). In conclusion, the two solutions are complementary for effective and rapid mice control.

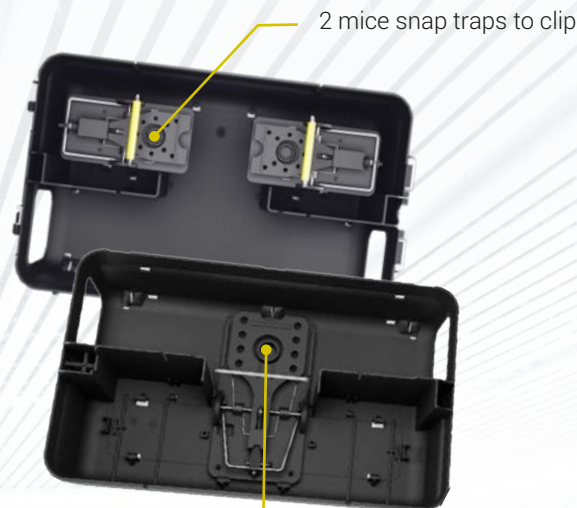
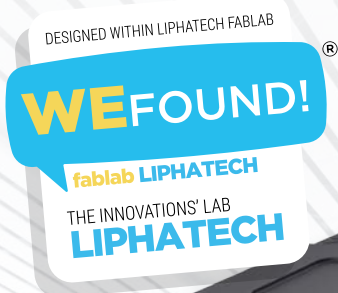
CLASH!® trap is suitable for a dynamic protocol because it is very easy to handle. “These solutions with compact dimensions and easy to handle, have the advantage of being suitable to urban areas and for treatments in buildings where the problem of mice is frequently established”, indicates Maher. Meanwhile the customer will notice and appreciate the discretion of such devices as well as the absence of unpleasant odours and their mice problem will quickly be solved.

We often say, “There is not one single solution”, nor magic. And it is true! Eradicating mouse populations is best done using complementary tools, as the professionals will testify. ■



ALL IN BOX®

Multi-function self-set up bait station for use **in all situations**



2 mice snap traps to clip

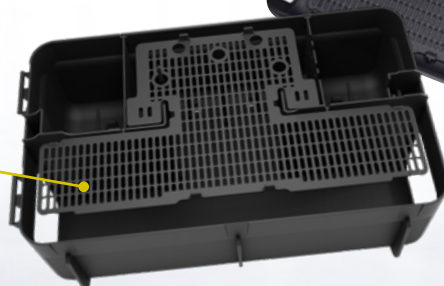
1 rat snap trap to clip

One single securised
lock, compatible with the
AEGIS® universal key



Sticks or tray for cereals

Removable slatted floor
to avoid bait crumble
dispersal, and to allow
easy cleaning



Exists with a transparent
lid for faster inspection



⊕ KEY FEATURES :

- **Either trap or bait station**
- **Robustness**, easy to use, discreetness and safe
- **No need for tools** to adjust it