PAL DeCapper Module

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PAL DeCapper - Opening up new possibilities for sample preparation

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Many frequently used vial types feature screw caps. Opening and closing these vials is a bottle neck in any sample preparation protocol. The addition of internal standards to a sample with a pipetting tool or the manipulation of headspace vials are but two examples where the automatic capping/decapping of vials greatly facilitates the process.

The new PAL Decapper significantly enhances the PAL System sample prep platform. In combination with the complete range of tools and modules the Decapper facilitates seamless lab workflows. The Decapper is essential for applications with the PAL Pipetting Tool, as highlighted in the example below:

| Open vial with PAL DeCapper | Add internal standard with PAL Pipette Tool | Close vial with PAL DeCapper | Analyze |

Applications:
– The solution if you work with vials / tubes and pipette tips
– The solution if you work with a dilutor / syringes with best performance
– No penetration, no damage of vial septa
– Addition of corrosive chemicals, e.g. for derivatizations

Highlights:
– Opens and closes 2, 10, and 20 mL vials with screw caps without any hardware changes (no adapters required)
– Control through many Chromatograhic Data Systems
– Defined torque guarantees the reproducible and leakfree closing of headspace vials
– Tested PAL Consumables like Decapper vials enhance the performance further

Technical data, ordering information:

Dimensions:
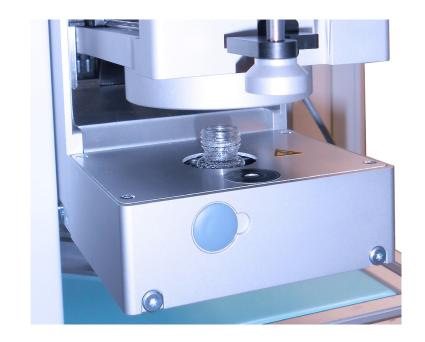305 mm / 116 mm / 205 mm (l / w / h)

Supported vial formats:
2, 10, and 20 mL screw cap vials

PAL3 Firmware:
2.4.x or later

P/N: PAL3-Decapper