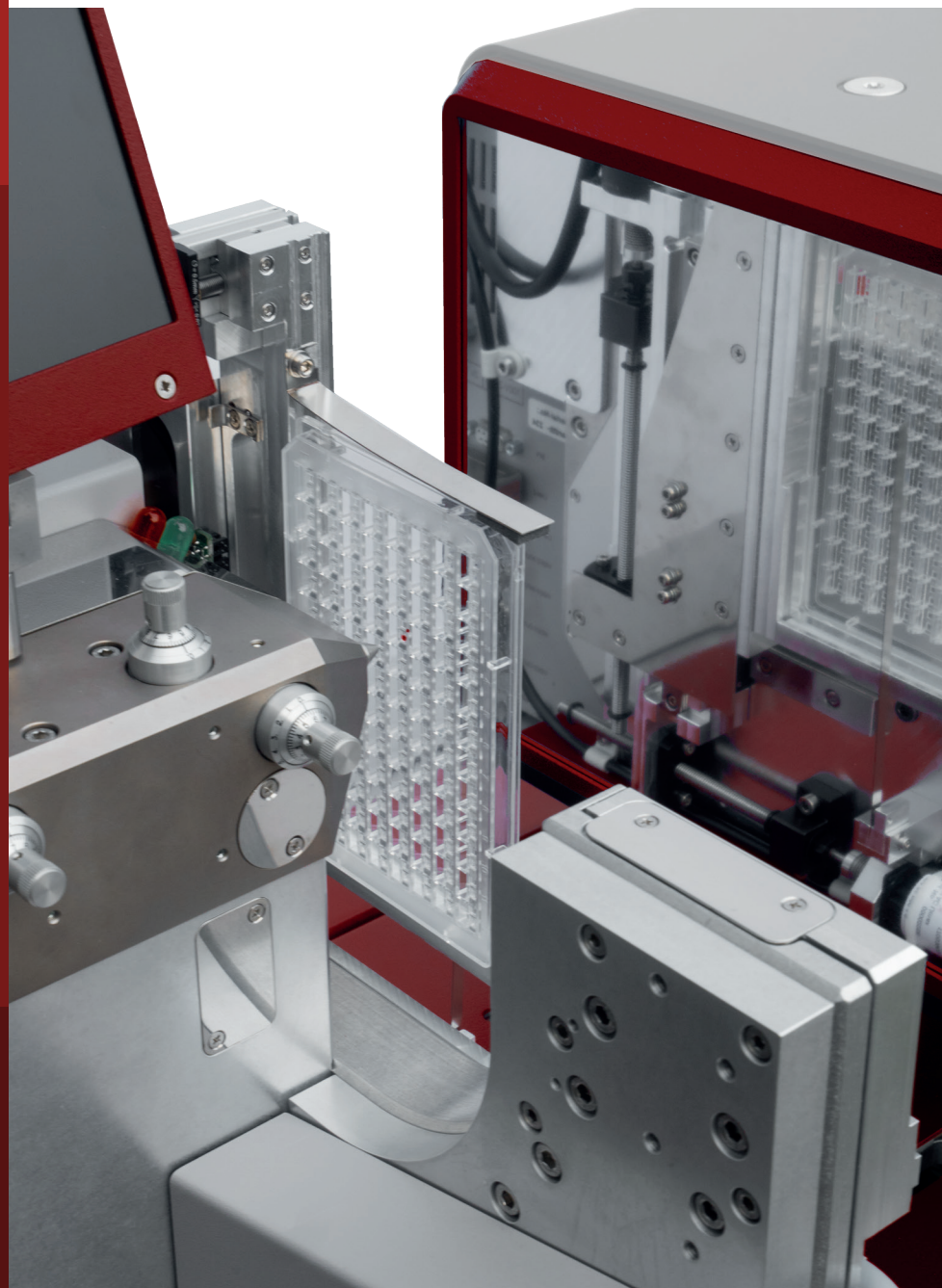


# **mar***xps*

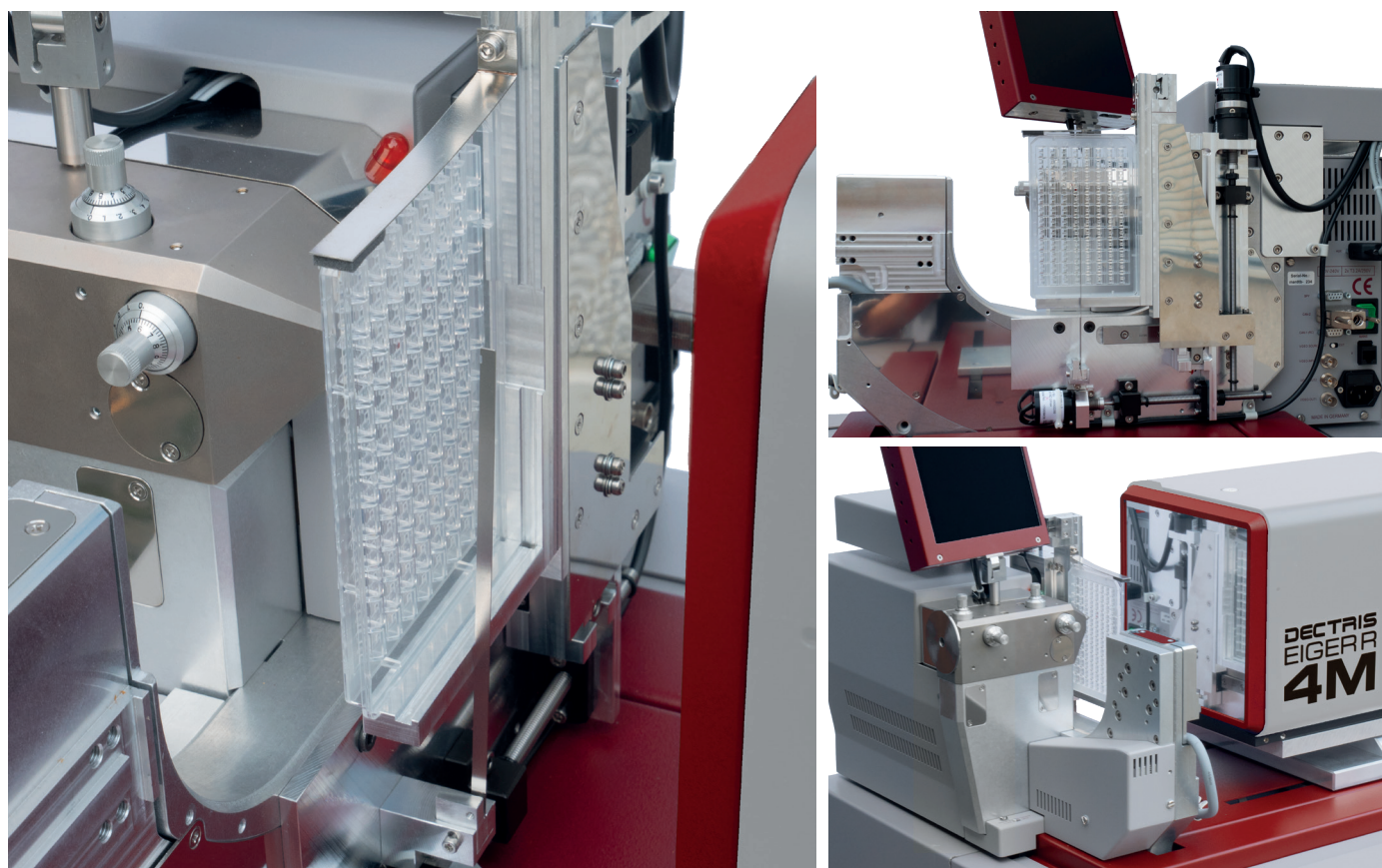
Crystallization plate scanner  
for **martb** goniostat



# marXps Crystallization Plate Scanner

The **marXps** extends the **mar<sup>dtb</sup>** goniostat with a translation stage for horizontal and vertical movements and a holder for the most common types of crystallization plates. It allows for quick and easy screening of crystallization trays and saves you from the pain and risk of taking crystals out of their trays. It can be added to existing **mar<sup>dtb</sup>** goniostats or it can be purchased together with a new instrument.

The **marXps** can be used with the mar345 image plate as well as the EIGER and PILATUS3 detectors by DECTRIS. The sophisticated software allows for automatic data collection of prescreened drops as well as fully automatic screening using a defined grid. The crystal camera shoots photos from the drops used for data collection so there is a perfect feedback about the success of your crystallization work.



## SPECIFICATIONS

Hardware:	<ul style="list-style-type: none"><li>• Horizontal translation with a range of approx 90 mm and step size of 0.005 mm</li><li>• Vertical translation with a range of approx 135 mm and step size of 0.0006 mm</li><li>• Crystal camera focussed on drop</li><li>• Motors movable from remote control unit and by software</li></ul>
Supported plates:	<ul style="list-style-type: none"><li>• Plates with sizes of approx. 85 x 128 mm and height of approx. 14 mm or 8 mm , e.g. Greiner CrystalQuick or Swisssci MRC-2 and MRC-3 drop variants, full and low-profile</li><li>• 1, 2, 3 or 4 drops per well</li></ul>
Software:	Fully integrated into <b>mar345<sup>dtb</sup></b> data collection program