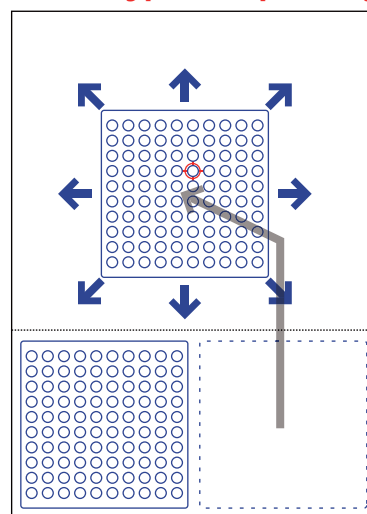


High-speed Auto Sample Changer ASC200

A new auto sample changer "ASC200" permits sequential measurements of a large number of samples with high efficiency, by employing 200-sample slots and tandem manipulator system. ASC200's matrix-type sample tray not only speeds up the automatic sample change but also provides easy access to samples in loading and retrieving.

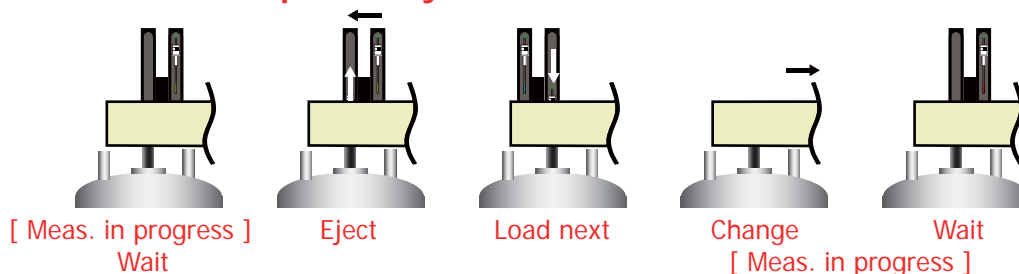


< Matrix-type sample tray >



A 10 x 10 matrix sample tray moves freely in the x and y directions and so quickly changes samples located far apart.

< Tandem manipulator system >



In tandem manipulator system, a succeeding sample is conveyed to wait at the top of the magnet during NMR measurements, and to load the sample at finish time the slot moves only 10cm. Thus, almost all the motions are executed during measurements, saving total experimental time.