



Dissolution Tester Caleva 10++ST

The Caleva 10++ST has been designed to enable easy validation and documentation. For this reason the 10++ST is equipped with OQ Traffic Light (to show USP/EP compliance on the first view). By choosing the FDA print-out submenu the performance of the system can be documented for external persons within seconds.

The instrument has 6, 7 or 8 test stations arranged in 2 rows with 4 test vessels in each for easy access. Operation of the instrument is done by an alpha-numeric foil-keypad with an LCD-display located in the drive head of the 10++ST with the maximum safety and visibility. The Flow-through heating system guarantees a constant and vibration free temperature maintenance.

The instrument has a product memory to store up to 40 product general data.

The drive head can be moved by a motor to an upper position for easy access to the bath and vessel handling.

Technical Specification

- OQ Traffic Light for display of the USP/ EP compliance of the unit
- Intervals for System Suitability Test- and Validation display may be set individually and according to the in-house requirements
- Optional Online OQ-Check for height adjustment (Basket, Paddle etc.)
- Optional Online OQ-Check for rpm
- FDA print-out for easy documentation of the units USP/EP compliance
- Integrated System-Suitability Test menu with documentation print-out
- Service Interval Display
- Validation Interval Display
- System-Suitability-Test Interval Display
- Adjustable Basket Start Routine
- Single telescopic column, motor driven
- One-piece leak-free moulded water bath (1.000 ml version only)
- Hours of operation counter
- Automatic vessel centering
- Media loss less than 1% (24h/37.0 C)
- pH Change routines, menu guided
- Optic and acoustic reminder for manual sampling (count-down)
- PT 100 external temperature sensor for water bath- or media temperature display
- Pre-heat function
- Certificate of compliance with USP and EP
- Calibration menu for quick calibration of the 1 or 9 temperature sensors External heating system with control by the keypad and LC display of the 10++ST; accuracy ± 0.2 C Pre-heat function
- Wobble less than 0.5 mm at delivery (Paddles)
- Automatic self-check of the temperature in the bath/vessels before test start
- RS 232 and RS 485 serial interfaces for external control
- Optional USB printer interface for documentation of the test run parameters (time, date, rpm, temperatures etc.) by a standard printer (PCL 3 language)
- Optional USP Sampling Station with automatic height adjustment of the USP sampling points
- Optional upgraded programme menu ("i"-version) for the control of a complete Offline Dissolution System by the Dissolution Tester itself
- External heating system with control by the keypad and LC display of the 10++ST; accuracy ± 0.2 C
- Optional monitoring of the media temperatures by electronic PT 100 temperature sensors
- Teflon coated st. steel plate for holding the vessels
- Programme menu for storage of the monographs of up to 40 products
- Alpha-numeric touch sensitive keypad (IBM configuration) with illuminated full-graphic 320 digit LC display
- Parallel printer interface for documentation of the test run parameters (time, date, rpm, temperatures etc.) by a standard printer