

RRT 10 BioDis

USP Apparatus 3 and 7



The ERWEKA RRT10 is the perfect unit for multiple media pH changes for IV/IVC testing. It complies with USP apparatus 3 and can be easily modified to support USP method 7* guided by an on-screen procedure.

The unit is handled by a mobile touchscreen with an easy-to-use operating system, allowing operation of the the RRT 10 directly without the need of an external computer.

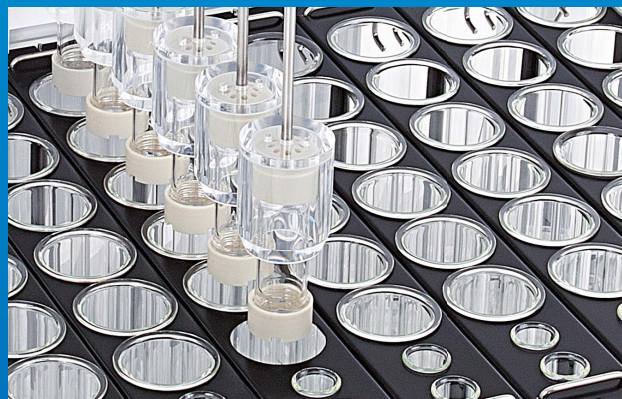
The ERWEKA RRT 10 BioDis is available with 6, 7* or 8 rows of vessels, 6 (or 7*) test stations and 2 reference positions. It is offered with whole range of formulation adaptors and offers the flexibility to use 100 ml, 200 ml, 300 ml and 1 l vessels. The acrylic glass water bath, which is equipped with an outlet valve for easy and convenient cleaning is heated by a powerful flow-through heating system. In order to reduce evaporation, the RRT 10 comes with an automated covering system.

Highlights

- Automated multiple pH-change e.g. for IV/IVC testing
- Portable touchscreen with an easy-to-use, fully optimized operating system
- Simple switch from USP apparatus 3 to USP apparatus 7 with 1-minute modification*
- Easy testing of enteric coated formulation testing
- Suitable for different vessel sizes: 50 ml, 100 ml, 300 ml, 1 l
- Two reference positions for each row
- Quick coupling for fast exchange of sample tools
- Reduced evaporation losses due to automated covering system
- Glass reciprocating cylinders with different available mesh screens
- Water bath with 6 mm clear acrylic glass and outlet valve for easy cleaning
- Formulation holder made of inert material e.g. 316 stainless steel, Fluoropolymer coated
- USP 3 Cylinders automatically centred inside the vessels
- PT 100 temperature sensor for checking temperature
- USB printer and LAN interface



Touch screen control



Formulation holder made of 316 stainless steel

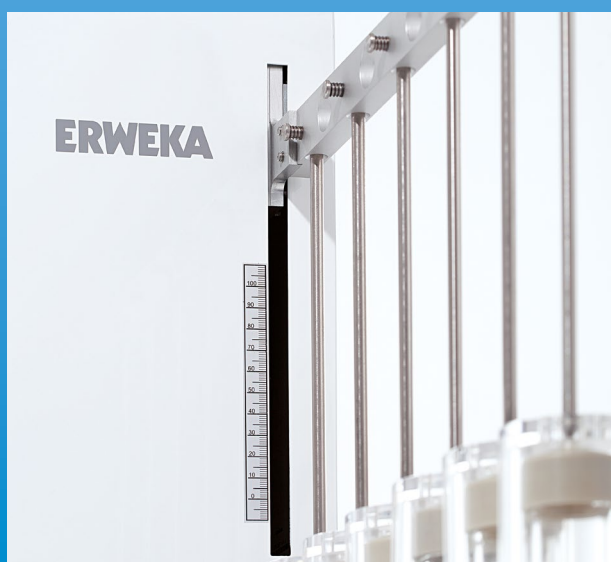
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Specifications

Test stations	6 rows with 6 stations (standard configuration) and 2 vials for reference purposes
Water bath	Water bath of 30 litres volume, 6 mm clear acrylic glass
Thermostat	Heating rate 1500w, 30° C - 50° C, accuracy +/- 0.2° C
Temperature control	External PT 100 temperature sensor
Test vessels	300 ml USP-compliant cylindrical flat bottomed glass vessels (standard configuration)
Test cylinders (USP method 3)	USP-compliant glass reciprocating cylinders fitted with mesh screens (automated centring inside the vessel)
Formulation Holder (USP method 7)	Whole range of USP-compliant holders for non-eroding formulations made of stainless steel or polytetrafluoroethylene
Speed	Speed adjustable from 5 - 40 strokes/min., accuracy better than +/- 5%
Height of stroke	100 mm (USP method 3) 20 mm (USP method 7)
Evaporation	Vessels protected by automated covering system
Control of the unit	Operation by color-touchscreen, password protected access to firmware with OQ functions and product memory

Options

- + Option for USP 3/7 changable by user (no tools required)
- + 1000 ml conversion kit (4x 3 1000 ml vessel, adaptor for rack, 12x evaporation cover and 12 adaptors for vessel) for USP 3/7
- + 100 ml conversion kit USP 7
- + 50 ml conversion kit USP 7
- + 7th row
- + 7th & 8th row
- + 6 stations (+2 reference stations) arranged in 7 or 8 rows
- + 7 stations arranged in 6, 7 or 8 rows
- + Various formulation holders
- + Cylindrical transdermal holders
- + IQ/OQ documents



* = optional