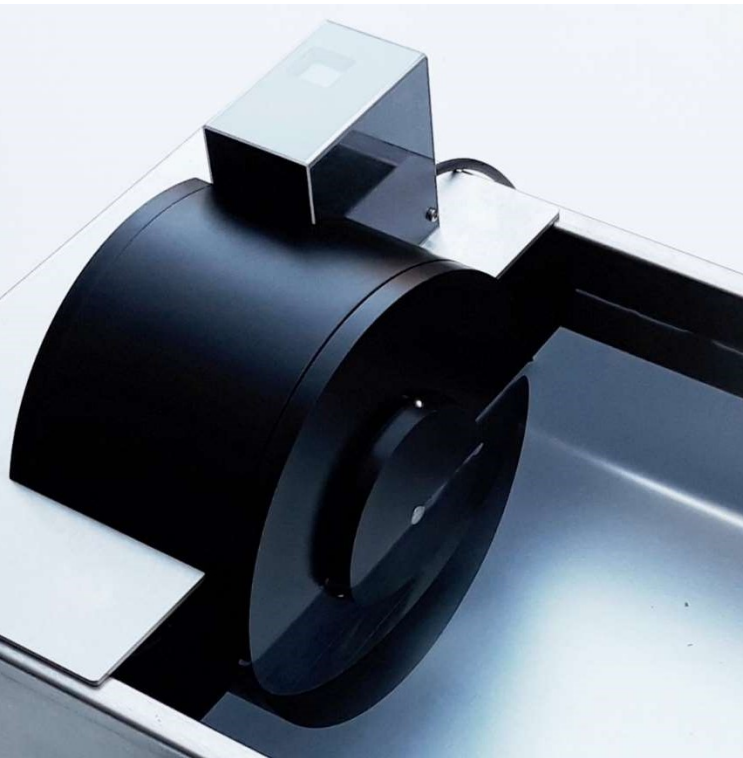


Rotation Unit

microprocessor controlled stepper motor
variable rotation speed 6...40 RPM +/- 0,1
tachometer display
soft start
safe operation through torque control
high resistant and laboratory conform PVC-CAW housing



Controlled Water Basin

adjustable constant process temperature typ. 38,0°C / 103°F
PID Controller. max. + 1,0 / -0,5°C typ. +/- 0,1°C
100...230 V / 50...60 Hz AC power supply 0,5...1,2 kW
12V DC power supply for the rotation unit
21 l water capacity
dimension 340 x 590 x 180 mm and weight ca. 9 kg



Loop Cradle

random access to each loop enables continuous processing
a snapped on cradle for maximum flexibility
easy separation from the rotation unit
variable slot width from 2,3...18,3 mm
for loops up to 200 mm diameter
completely made from inox steel 1.4021



Circular Precision Cutter

cutting polymer PVC-P tubes at a defined length up to 200mm

precise cutted edges with high surface quality

laboratory conform PVC

inox steel quality 1.4430

completely demountable and sterilisable

for polymere tubing up to 16 mm OD / 3/8" ID



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Chandler Loop System[®]

A ready to use system which enables simulation of extra corporal blood circulation (ECC). It offers an experimental platform for testing the haemocompatibility of artificial materials and surfaces according to ISO 10993-4.



www.chandler-loop.de