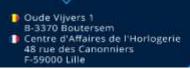






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## Hielscher

## **Ultrasonic Processor UP400St**

Reference	Description hielscher Ultrasound Technology
	Processor
UP400St	<b>UP400St</b> ultrasonic processor, for stand use, 400W, frequency 24kHz (autom. tuning), amplitude 20-100%, pulse 0-100%, titanium horn Ø18mm, dry run proof, IP41, touch screen, with SD-Card, temperature sensor, fixture f. stand, network cable, case & tools
	Sonotrodes
S24d3	<b>S24d3</b> sonotrode, made of titanium, amplitude ratio approx. 1:5.45, Ø3mm (7mm2), approx. length 100mm, male thread M10x1, for samples ca. from 1ml up to 100ml, autoclavable
S24d7	<b>S24d7</b> sonotrode, made of titanium, amplitude ratio approx. 1:4,25, Ø7mm (42mm2), approx. length 100mm, male thread M10x1, for samples ca. from 20ml up to 500ml, autoclavable
S24d14D	<b>S24d14D</b> sonotrode, made of titanium, for UP400St, amplitude ratio approx. 1:2.55, Ø14mm (173mm2), approx. length 100mm, male thread M10x1, for samples from 50ml up to 1000ml (batch), autoclavable
S24d22D	<b>S24d22D</b> sonotrode, made of titanium, for UP400St, amplitude ratio approx. 1:1.18, Ø22mm (430mm2), approx. length 100mm, male thread M10x1, for samples ca. from 100ml up to 2000ml (batch), autoclavable
S24d40	<b>S24d40</b> sonotrode, made of titanium, amplitude ratio approx. 1:0.51, Ø40mm (1256mm2), approx. length 100mm, male thread M10x1, for samples ca. from 50ml up to 2000ml, autoclavable







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## Hielscher

## **Ultrasonic Processor UP400St**

Reference	Description hielscher Ultrasound Technology
	Special sonotrodes and flow cells
FC22K	Flow cell FC22K, decomposable stainless steel reactor with cooling jacket, volume (without sonotrode) 34cm3, max. pressure 5 bars, for UP400St and sonotrode S24d22D or S24d14D, FKM Orings, tube connectors (fluid 8 mm, cooling 8 mm) with clips
	Accessories
ST1-16	ST1-16 stand, Ø 16mm, made of stainless steel, base length 300mm, width 150mm, height 600mm
ST1-Clamp	Clamp for use with stand ST1-16
LabLift	LabLift for the easy positioning of samples under the ultrasonic probes to control immersion depth, stainless steel, footprint 100mm x 100mm, adjustable height: 50 to 125mm
SPB-L	SPB-L sound protection box, made of acrylic glass, with divisible rod Ø16mm, with vertically adjustable table, anti-slip mat