imLab
SCIENTIFIC EQUIPMENT FOR LABORATORY & INDUSTRY

📞 +32(0)16 73 55 72
📞 +33(0)3 20 55 19 11

@ www.imlab.eu
info@imlab.eu

📍 Oude Vijvers 1
B-3370 Boutersem
Centre d'Affaires de l'Horlogerie
48 rue des Canonniers
F-59000 Lille

Hielscher
Ultrasonic Processor UP400St

Reference	Description — hielscher Ultrasound Technology
Processor	
UP400St	**UP400St** 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	**S24d3** 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	**S24d7** 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	**S24d14D** 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	**S24d22D** 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	**S24d40** 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

imLab
SCIENTIFIC EQUIPMENT
FOR LABORATORY & INDUSTRY

📞 +32(0)16 73 55 72
📞 +33(0)3 20 55 19 11

@ www.imlab.eu
info@imlab.eu

📍 Oude Vijvers 1
B-3370 Boutersem
Centre d'Affaires de l'Horlogerie
48 rue des Canonniers
F-59000 Lille

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 O-rings, 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	