Hielscher Ultrasonic processor UP400S

1/01/2015

hielscher
Ultrasound Technology

IMLAB

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Laboratory Technics | Disperging, Emulsifying, Homogenization

Ultrasonic processor
UP400S

The ultrasonic processor **UP400S (400 Watt, 24kHz)** is our most powerful laboratory unit. It is suitable for liquid volumes from 5 to 4000ml with sonotrodes that have a tip diameter from 3 to 40mm. In flow you can treat from 20 to 400ml/min. The UP400S is used for sample preparation mainly for bigger volumes. It is suitable for the process development in the lab and pilot plant installations and for producing smaller volumes of final product. High power means besides of the wished high cavitation forces also undesirable noise. Therefore we recommend a sound protection box for the UP400S

Référence	Description	EUR HTVA
UP400S	ultrasonic processor UP400S, for stand operation, 400 watts, frequency 24kHz, automatic frequency tuning system, amplitude adjustable 20-100%, pulse adjustable 0-100%, dry running protected, in portable case, with mounting tools	**4.515,00**
H3	sonotrode H3, made of titanium, Ø3mm, approx. length 100mm, for samples from 5ml-200ml	**294,00**
H7	sonotrode H7, made of titanium, Ø7mm, approx. length 100mm, for samples from 20ml-500ml	**294,00**
H14	sonotrode H14, made of titanium, Ø14mm, approx. length 100mm, for samples from 50ml-1000ml	**294,00**

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Référence	Description	EUR HTVA
H22	sonotrode H22, made of titanium, Ø22mm, approx. length 100mm, for samples from 100ml-2000ml	294,00
H22D	sonotrode H22D, made of titanium, Ø22mm, approx. length 100mm, with seal for closed systems	423,00
H22L2D	sonotrode H22L2D, made of titanium, Ø22mm, approx. length 200mm, with seal for closed systems	551,00
H40	sonotrode H40, made of titanium, Ø40mm, approx. length 100mm, for samples from 200ml-4000ml	524,00
D22K	flow cell, made of stainless steel, with cooling, including fast connection kit, for fluids, autoclavable, for operation with H22D, volume approx. 22ml	984,00
GD22K	flow cell set GD22K, made of glass, with cooling, including fast connection kit, for fluids, autoclavable, flow rates approx. 20-400ml/min, volume approx. 250ml, incl. NSA3 and sonotrode H22L2D	524,00
BB1	BB1 beaker for indirect sample sonication	765,00
T1	Timer T1, from 00:00 to 99:59 (min:sec)	198,00
ST1-16	Stand ST1-16, pole Ø 16mm, made of stainless steel, base 300x150mm, height 600mm	198,00
ST1-Clamp	Clamp for use with stand ST1-16	80,00
SB1-16	Sound Protection Box SB1-16, for UP400S, with vertically adjustable table and 16mm diameter stand bar	1.054,00
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	315,00
UPC-L	PC-control (lab version) with power recording, consisting of interface box (aluminium, 105x80x30), connection cable leading to the 9-pin DSUB socket (RS232) at the PC, software for Windows95/98/NT/XP®	1.054,00 €
UPCT-L	UPCT-L PC-control (lab version) with power and temperature recording, consisting of interface box (aluminium,105x80x30), connection cable leading to the 9-pin DSUB socket (RS232) at the PC, software for Windows95/98/NT/XP®	1.589,00
PowMet 230	Power Meter PowMet230, versatile, for display of current power, cumulated energy and cumulated operation time	102,00

Conditions de vente:
Colonne Prix euro HT = prix de vente HORS TAXES, TVA 20% en sus
Terme de livraison: sur demande
Frais de transport: sur demande
Paiement: 30 jours date de facture
GARANTIE: Deux années sur appareil, sauf pièces d'usure comme filtre, sonotrode…