

# Riley Surface World NEW PRODUCTS

CLEANING &  
DEGREASING

## Riley Ultra-World Ultrasonic and Conventional Cleaning Systems The Industrial Tanks range



The **Ultra-World** range of ultrasonic cleaning tanks has larger capacities and is designed for automotive, electronics and light engineering applications, as well as jewellery, medical, dental, etc.

Tank capacities are from 10 to 200 litres, with frequencies of 30 or 40 kHz. Power outputs are from 150 to 2000 watts with heating capacities from 600 to 2000 watts.

The range includes 20 different models with sizes up to 600 x 500 x 400 mm deep. They offer a choice of analogue or digital controls.

In addition, Multi-stage cleaning systems or submersible transducer packs can be made to special order and can be configured to suit a customer's specific applications.



**Available exclusively in the UK from:**



[www.rileysurfaceworld.co.uk](http://www.rileysurfaceworld.co.uk)

# Industrial Ultrasonic Cleaning Units

## TECHNICAL SPECIFICATIONS

MODEL		IN 1200 IN 1200H	IN 1600 IN 1600H	IN 2000 IN 2000H
Tank Material		Stainless Steel Fabricated		
Tank Volume Approx	(ltr)	120	160	200
Internal Dimensions (mm)	Length	700		
	Width	600		
	Depth	300	400	500
Drain Tap External		BSP		
Fill inlet/recirculation		BSP		
Overflow		1 BSP		
Case Material		Rigid Stainless Steel		
Overall Dimensions (mm)	Length	800		
	Width	700		
	Depth	550	650	750
Basket Material		Stainless Steel Mesh		
Basket Dimensions (mm)	Length	690		
	Width	590		
	Depth	255	355	455
Mesh Size	(mm)	25 x 25		
Lid Material		Brushed Stainless Steel		
High Frequency Generator		Double Half Wave		
HF-Peak Power	Watt	2000		
Effective HF-Power Output	Watt	1000		
Frequency Approx	(kHz)	30		
Timer Control Ultrasonics	(mins)	0 To 30 + Continuous		
Heating Control		0° To 80°C		
Weight Approx	(kg)	90	95	110
Maintenance Free		Yes		
CE Conformity		Yes		
Options		6000w Heat, (380/440v) (3PH+N)		
		Digital Control		
		Floor Standing 850HT to rim		
		Units with 4000 Pk 2000 Eff Ultrasonics		

Specifications may change without notice

# Industrial Ultrasonic Cleaning Units (See Options)

## TECHNICAL SPECIFICATIONS

MODEL		IN 100	IN 130	IN 120	IN 180
Tank Material		Stainless Steel Fabricated			
Tank Volume Approx	(ltr)	10	13	12	18
Internal Dimensions (mm)	Length	300			
	Width	250		300	
	Depth	150	200	150	200
Drain Tap External		BSP			
Fill inlet/recirculation		BSP			
Case Material		Rigid Stainless Steel			
Overall Dimensions (mm)	Length	400			
	Width	350		400	
	Depth	350	400	350	400
Basket Material		Stainless Steel Mesh			
Basket Dimensions (mm)	Length	290			
	Width	240		290	
	Depth	115	165	115	165
Mesh Size	(mm)	12.5 x 12.5			
Lid Material		Brushed Stainless Steel			
High Frequency Generator		Double Half Wave			
HF-Peak Power	Watt	300		450	
Effective HF-Power Output	Watt	150		225	
Frequency Approx	(kHz)	30			
Timer Control Ultrasonics	(mins)	0 to 30 mins + continuous			
Heating Control		0° to 80°C			
Heating Capacity Approx	Watt	600		900	
Mains Voltage	(v)	220/240v		50/60Hz	
Power Consumption Approx	Watt	1050		1200	
Fuses	(A)	6.3		8	
Noise Level	(dBA)	64		66	
Maintenance Free		Yes			
CE Conformity		Yes			
Options		Digital Control			
		Floor standing 850HT to rim.			

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# Industrial Ultrasonic Cleaning Units (See Options)

## TECHNICAL SPECIFICATIONS

MODEL		IN 200	IN 280	IN 380	IN 480
Tank Material		Stainless Steel Fabricated			
Tank Volume Approx	(ltr)	20	28	38	48
Internal Dimensions (mm)	Length	500			
	Width	300			
	Depth	150	200	300	400
Drain Tap External		BSP			
Fill inlet/recirculation		BSP			
Overflow		N/A		BSP	
Case Material		Rigid Stainless Steel			
Overall Dimensions (mm)	Length	600			
	Width	400		400	
	Depth	350	400	500	600
Basket Material		Stainless Steel Mesh			
Basket Dimensions (mm)	Length	490			
	Width	290			
	Depth	115	165	265	365
Mesh Size	(mm)	12.5 x 12.5 OPT 25 x 25			
Lid Material		Brushed Stainless Steel			
High Frequency Generator		Double Half Wave			
HF-Peak Power	Watt	600	900	1200	
Effective HF-Power Output	Watt	300	450	600	
Frequency Approx	(kHz)	30			
Timer Control Ultrasonics	(mins)	0 to 30 mins + continuous			
Heating Control		0° to 80°C			
Heating Capacity Approx	Watt	900	1000	2000	
Heat up time, ambient to 70°C	(hrs)	1.25	1.25	1.75	2.25
Mains Voltage	(v)	220/240v 50/60Hz			
Power Consumption Approx	Watt	1550	1700	2700	
Fuses	(A)	10		16	
Noise Level	(dBA)	68	72	76	
Weight Approx	(kg)	20	25	35	40
Maintenance Free		Yes			
CE Conformity		Yes			
Options		Digital Control			
		Floor Standing 850HT To Rim			

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# Industrial Ultrasonic Cleaning Units (See Options)

## TECHNICAL SPECIFICATIONS

MODEL		IN 400	IN 550	IN 700
Tank Material		Stainless Steel Fabricated		
Tank Volume Approx	(ltr)	40	55	70
Internal Dimensions (mm)	Length	700		
	Width	300		
	Depth	200	300	400
Drain Tap External		BSP		
Fill inlet/recirculation		BSP		
Overflow		N/A	I BSP	
Case Material		Rigid Stainless Steel		
Overall Dimensions (mm)	Length	800		
	Width	400		
	Depth	400	500	600
Basket Material		Stainless Steel Mesh		
Basket Dimensions (mm)	Length	690		
	Width	290		
	Depth	165	265	365
Mesh Size	(mm)	12.5 x 12.5 OPT 25 x 25		
Lid Material		Brushed Stainless Steel		
High Frequency Generator		Double Half Wave		
HF-Peak Power	Watt	1200	1500	
Effective HF-Power Output	Watt	600	750	
Frequency Approx	(kHz)	30		
Timer Control Ultrasonics	(mins)	0 To 30 + Continuous		
Heating Control		0° To 80°C		
Heating Capacity Approx	Watt	1800	2000	
Heat up time, ambient to 70°C	(hrs)	1.75	2.25	2.75
Mains Voltage		220/240v 50/60Hz		
Power Consumption Approx	Watt	2500	2700	2900
Fuses	(A)	16		
Noise Level	(dbA)	74		
Weight Approx	(kg)	35	40	50
Maintenance Free		Yes		
CE Conformity		Yes		
Options		Digital Control		
		Floor Standing 850HT to Rim		

Specifications may change without notice

# TECHNICAL SPECIFICATIONS

MODEL		IN 580	IN 780	IN 980/H
Tank Material		Stainless Steel Fabricated		
Tank Volume Approx	(ltr)	58	78	98
Internal Dimensions (mm)	Length	600		
	Width	500		
	Depth	250	300	400
Drain Tap External		BSP		
Fill inlet/recirculation		BSP		
Overflow Dimensions (mm)	Length	700		
	Width	600		
	Depth	450	500	600
Basket Material		Stainless Steel Mesh		
Basket Dimensions (mm)	Length	585		
	Width	485		
	Depth	215	265	365
Mesh Size	(mm)	25 x 25		
Lid Material		Brushed Stainless steel		
High Frequency Generator		Double Half Wave		
HF-Peak Power	Watt	1500	2000	
Effective HF-Power Output	Watt	750	1000	
Frequency Approx	(kHz)	30		
Timer Control Ultrasonics	(mins)	0 to 30 + Continuous		
Heating Control		0° to 80°C		
Heating Capacity Approx	Watt	2000		
Heat up time, ambient to 70°C	(hrs)	3	3.5	4
Mains Voltage	(v)	220/240v 50/60Hz		
Power Consumption Approx	Watt	2900		3200
Fuses	(A)	16		
Noise Level	(dBA)	76		
Weight Approx	(kg)	50	60	70
Maintenance Free		Yes		
CE Conformity		Yes		
Options		Digital Control		
		Floor Standing 850HT to rim.		
		9800 Unit with 4000 Peak 2000 EFF Ultrasonics		

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