

# CELLSONIC MKIII



**Caresonic** are recognised as a market leader in the design and manufacture of ultrasonic cleaning equipment for Anilox rollers.

To supplement this successful range **Caresonic** have launched a new bench top ultrasonic cleaning range, specifically aimed at the label printing market.

Our pioneering print industry systems provide safe and efficient cleaning of ceramic laser engraved Anilox rollers for all screen sizes with each of our models utilising a patented frequency sweep generator.

Our standard range includes one, two, three and four roller machines for cleaning multiple rollers with various diameters in a single cleaning cycle. In addition we also have the capacity to **custom build** to specification where required.

All units are controlled using latest PLC technology and are available with simple push button or touch screen operation.



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## What is Ultrasonic Cleaning?

Ultrasonic cleaning works by producing millions of jets or streams of cavitation bubbles within a liquid which collapse against any hard surface removing contaminated particles with each implosion. As these cavitation bubbles are smaller than one micron they penetrate into all areas.

## Why choose Caresonic?

With over 25 years' experience, we pride ourselves on being THE experts in ultrasonic cleaning innovation, technology and construction. Our equipment is specifically designed and constructed for safe and superior performance on laser engraved ceramic Anilox rolls offering long life and continuous service to the print roller cleaning industry throughout the world.

## Unique Characteristics

### Generator

The powerful and efficient FMG generator system offers a patented frequency sweep for uniform and intense cavitation.

With its efficient energy transfer, the generator requires no forced air cooling and channels energy directly into the transducers.

### Transducers

The transducers are made of high quality phosphor-bronze/silver construction in order to minimise heat build up, thus extending the life of the transducers and piezo electric crystals.

**Caresonic** ultrasonic cleaning systems offer a safe effective solution to the cleaning requirements of the flexographic printing industry.

**Caresonic** is **"the safe choice"** for your roller cleaning needs.

# Specifications

Roller Quantity	External Dimensions	Internal Dimensions	Capacity	Ultrasonic Power	Heater Power	Tank Material	Case Material	Weight	Voltage	Drain
Single Roller	730(l) x 450(w) x 430(h)mm	660(l) x 300(w) x 150(d)mm	28L	300 watts	1KW	2mm 316L	1.5mm 304L	60KG	120v	2 x 1/2"
Twin Roller	730(l) x 550(w) x 430(h)mm	660(l) x 400(w) x 150(d)mm	38L	400 watts	1KW	2mm 316L	1.5mm 304L	65KG	120v	2 x 1/2"
Three Roller	730(l) x 650(w) x 430(h)mm	660(l) x 500(w) x 150(d)mm	48L	600 watts	2KW	2mm 316L	1.5mm 304L	75KG	120v	2 x 1/2"
Four Roller	730(l) x 800(w) x 430(h)mm	660(l) x 650(w) x 150(d)mm	63L	600 watts	2KW	2mm 316L	1.5mm 304L	85KG	120v	2 x 1/2"

❖ Bespoke units also available on request

Features include:

- ❖ 2mm 316L Stainless Steel Tanks
- ❖ Tandem Transducer Bars
- ❖ PLC control
- ❖ Full Analogue Frequency Sweep
- ❖ Adjustable Roller Support
- ❖ High Quality Build Specification
- ❖ Patented High Efficiency Ultrasonic Technology



Optional extras include:

- ❖ Lids
- ❖ Baskets
- ❖ Chemicals
- ❖ Rinse Tanks
- ❖ Touch Screen Display