



KEN LIFE SCIENCE CART AND EQUIPMENT WASHER IQ10

# Intelligent Quality

The Future of Efficient Disinfection

- ✓ Available in four sizes
- ✓ User friendly
- ✓ Fast process time

KEN HYGIENE SYSTEMS is introducing a Cart and Equipment Washer Disinfector, KEN IQ10, that will ease the daily tasks and workloads for the Life Science facilities.

IQ10 is a sustainable solution due to its low consumption of electricity, detergents and water.

Among other things the KEN IQ10 has an internal water recirculation system that collects the disinfection water and recycles it.

Furthermore, the machine has a short process time, which makes the washing process more time efficient.

The IQ10 can be used for washing and disinfection of larger size equipment for the Life Science industry.

The IQ10 represents a new generation of Cart Washer Disinfectors with outstanding features that meet the latest regulatory standards.



# CART AND EQUIPMENT WASHER



The IQ10 is made to be an eco-friendly machine. By monitoring cycle parameters and variables and with dedicated programs the machine will always seek to optimize water, energy and chemical consumption by its built-in control functions.

## Advantages:

- Intelligent water savings
- User friendly control system
- Water recirculation
- Increased productivity
- Low energy costs
- Low chemical usage
- Very low water consumption
- Flexible trolleys
- Low noise level
- Remote service

Technical specifications	IQ10	IQ10-W	IQ10-L	IQ10-LW
External dimensions (HxWxD) mm	2790 x 2540 x 2770	2790 x 2940 x 2770	2790 x 2540 x 3520	2790 x 2940 x 3520
Wash area, dimensions (HxWxD) mm	2000 x 1000 x 2250	2000 x 1200 x 2250	2000 x 1000 x 3000	2000 x 1200 x 3000
Storage tank capacity	130 liter			
Water consumption per phase	70 - 125 liters depending on load and phase			
Heating element drying unit	Electrical 32 kW (400 V) or steam			
Heating element store tank	Electrical 24 kW (400 V) or steam			
Heating element water heater	Electrical 72 kW (400 V) or steam			
Compressed air	Pressure: 500-700 kPa			
Exhaust connection point	Ø250 mm 1000 m³/h			
Water connection	Tank 1 (Cold or Demin./RO water 5-30°C): 2 x 3/4", pressure 200-800 kPa, ≥ 15 l/min. Tank 2 (Cold or Demin./RO water 5-30°C): 2 x 3/4", pressure 200-800 kPa, ≥ 15 l/min. Optional: Tank 3 (Cold or Demin./RO water 5-30°C): 1 x 3/4", pressure 200-800 kPa, ≥ 15 l/min. Cold water: temp. 5-30°C, hardness 0-30° dH. Demineralized/RO water: 5-70°C, conductivity 3-200 µS			
Power supply electrical heated	400V / 415V 3N ~+PE 50 Hz 76kW The impedance must not exceed 0.246 ohm			
Power supply, steam	400V / 415V 3N ~+PE 50 Hz 13kW The impedance must not exceed 0.246 ohm			
Sound effect, LWA	<70 dB (A)			
Blower, drying unit	2 x 6.3 kW, 50/60Hz			
Drain	Ø50, minimum flow requirements: 250 l/min.			
Operative environment	Temperature and humidity: 5°C - 40°C, ≤ 80% relative humidity for temperatures up to 31°C decreasing linearly to 50% at 40°C			
Programs	40 programs, of which each program contains up to 10 phases			

