



Ultrasonics.Steam.Ultraclean.



Cleaning chemistry

Elma Tec Clean

Powerful cleaning agents for industrial cleaning tasks with ultrasound

- Powerful cleaning concentrates from acidic to alkaline
- Suitable for various cleaning tasks
- Eco-friendly cleaning chemistry which is easy to dispose
- Prolonging the service life of the ultrasonic bath

Elma Tec Clean

Cleaning chemistry for industrial applications



Contamination	Surfaces	pH-value	Dosage proposal
Light oil, grease, fluxing agents, dust and finger prints.	Substrates in the electronics (PCB) and optics industries (glasses, fine optics), electro-mechanical components. For the overhaul cleaning of plastics.	~10	3 - 10 %
Polishing-, lapping- and grinding residues., grease and oil.	Nonferrous metals, precious metals, brass, nickel, titanium. Check Zn and Al for resistance before use. Non-ferrous and precious metals are brightend up.	~10	5 - 10 %
Grinding and polishing residues, punching oil, drawing grease, soot, tinder, high-performance cooling lubricants.	Stainless steel, steel and other iron materials, titanium and precious metals, gray cast iron. Check nonferrous heavy metals, brass, glass and quartz for resistance before use. Not suitable for Al and light metals.	~12	3 - 8 %
Oil, grease, soot, coking, forge, dust and finger prints. Polishing- and lapping agents.	Stainless steel, steel, iron, gray cast iron, aluminium and light metals, brass, nonferrous heavy metals, precious metals, nickel, zinc, plastics, ceramics, glass, quartz, rubber.	~12	Ultrasound: 2 - 5 % without ultrasound: 5 - 10 %
Forged and resinified oil and grease, lacquer and paint remnants, wax, grinding and polishing media.	Stainless steel, steel, iron, gray cast iron, Al- and light metals, nickel, stainless metals and Zn. Alkali-proof surfaces.	~12.5	3 - 5 %
Oil, grease, grinding, lapping and polishing media, dust, sweat and finger prints.	All metals, plastics, ceramics, glass, rubber. Check Mg for resistance before use.	~7	Ultrasound: 5 % without ultrasound: 10 %
Rust, lime, oxide films (e.g. verdigris), grease and oils.	Nonferrous metals, stainless steel, Al and light metals, brass, steel, plastics, glass. For the passivation of surfaces of stainless and chromium-containing steels.	~3	1 - 5 %
Mineral contaminations such as lime, rust and other oxides; films that can be removed with corrosives. Mineral grease, oil, polishing- and lapping agents.	Stainless steel, steel, brass, nickel, nonferrous and precious metals. Glass, ceramics and acid-resistant plastics. Not suitable for Al and light metals.	~1	Ultrasound: 1 - 5 %



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