

Table of possible applications of tec clean products

Product	Main contamination	Main surfaces	Properties	Ph value	Dosage
Alkaline cleaners					
tec clean A1 electronics and fine optics cleaner	Light oil, grease, fluxing agents, dust, finger prints.	Substrates in the electronics (pcb) and optics industries (glasses, fine optics), electro-mechanical components. For the overhaul cleaning of plastics.	Liquid, emulsifying, silicate and phosphate-free, mildly alkaline.	10,8	3 - 10 %
tec clean A2 intensive cleaner with brightening effect for brass and copper	Grinding, polishing and lapping media, grease/oil.	Nonferrous metals, precious metals, brass, nickel, titanium; check zinc and aluminium for resistance before use!	Liquid, emulsifying, contains ammonia, silicate and phosphate-free, mildly alkaline.	11,0	5 - 10 %
tec clean A3 cleaner for iron and precious metals	Punching oil, drawing grease, soot, forge, grinding and polishing media, 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 aluminium and light metals.	Liquid, emulsifying, silicate and phosphate-free, mildly alkaline.	13,0	3 - 6 %
tec clean A4 universal cleaner	Oil, grease, soot, coking, forge, dust, finger prints.	Stainless steel, steel, iron, gray cast iron, aluminium and light metals, brass, nonferrous heavy metals, precious metals, nickel, zinc, plastics, ceramics, glass, quartz, rubber.	Liquid, mostly de emulsifying, contains silicate and phosphate, alkaline	13,4	with ultrasound: 1 - 5 % without ultrasound: 5 - 10 %
tec clean A5 powerful cleaner for iron and light metals	Forged and resinified oil and grease, grinding and polishing media, lacquer and paint remnants, wax.	Stainless steel, steel, iron, gray cast iron, aluminium and light metals, nickel, stainless metals, zinc.	Powder, emulsifying, contains silicate and phosphate, alkaline.	11,5 (1%)	1 - 4 %
Neutral cleaners					
tec clean N1 neutral cleaner	Oil, grease, grinding, lapping and polishing media, dust, sweat, finger prints.	All metals, plastics, ceramics, glass, rubber; check magnesium for resistance before use!	Liquid, emulsifying, silicate and phosphate-free, neutral.	9,3	with ultrasound: 2 - 5 % without ultrasound: 10 %
Acid cleaners					
tec clean S1 mild acid cleaner	Rust, lime, oxide films (e.g. verdigris), grease, oil.	Nonferrous heavy metals, stainless steel, aluminium and light metals, brass, steel, plastics, glass; take out steel immediately after derusting and rinse with anticorrosive	Liquid, emulsifying, acid.	1,6	1 - 5 %
tec clean S2 strong acid cleaner	Mineral contaminations such as lime, rust and other oxides; films that can be removed with corrosives.	Stainless steel, steel, iron, gray cast iron, hard alloys, brass, nickel, nonferrous heavy metals and precious metals; take out steel immediately after derusting and rinse with anticorrosive.	Liquid, emulsifying, acid.	< 1,0	with ultrasound: 1 - 10 %

Dosage

	Usable volume	1%	2%	5%	10%
T 310 (H)	0,7 l	7 ml	14 ml	35 ml	70 ml
T 420	1,2 l	12 ml	24 ml	60 ml	120 ml
T 460 (H)	1,9 l	19 ml	38 ml	95 ml	190 ml
T 470 H					
T 490 DH					
TS 540	4,8 l	48 ml	96 ml	240 ml	480 ml
T 570 (H)	2,2 l	22 ml	44 ml	110 ml	220 ml
T 660 H	4,3 l	43 ml	86 ml	215 ml	430 ml
TP 690	4,0 l	40 ml	80 ml	200 ml	400 ml
TP 680 DH					
T 700 (H)	7,5 l	75 ml	150 ml	375 ml	750 ml
T 710 DH					
T 780 (H)	9,0 l	90 ml	180 ml	450 ml	900 ml
T 760 DH					
T 820 H	12,9 l	129 ml	258 ml	645 ml	1,29 l
T 840 DH					
T 890 (H)	20,6 l	206 ml	412 ml	1,0 l	2,0 l
T910 DH					
Elmasonic X-tra 50 H	3,43 l	34 ml	68 ml	171,5 ml	343 ml
Elmasonic X-tra 70 H	4,70 l	47 ml	94 ml	235 ml	470 ml
Elmasonic X-tra 150 H	10,5 l	105 ml	210 ml	525 ml	1,05 l
TI-H 5	3,5 l	35 ml	70 ml	175 ml	350 ml
TI-H 10	8,6 l	86 ml	172 ml	430 ml	860 ml
TI-H 15	12,2 l	122 ml	244 ml	610 ml	1,22 l
TI-H 20	16,8 l	168 ml	336 ml	840 ml	1,68 l
TI-H 25	19,8 l	198 ml	396 ml	990 ml	1,98 l
TI-H 55	45,0 l	450 ml	900 ml	2,25 l	4,5 l
TI-H 80	67,5 l	675 ml	1,35 l	3,38 l	6,75 l
TI-H 115	90 l	900 ml	1,8 l	4,5 l	9,0 l
TI-H 160	135 l	1,35 l	2,7 l	6,75 l	13,5 l

Fill the tank up to the marked level with water (city or distilled water). Then add the correct quantity of the cleaner. For bigger-sized cleaning items please take the displacement volume into consideration. Operate the ultrasonics for approx. 5 minutes before cleaning.