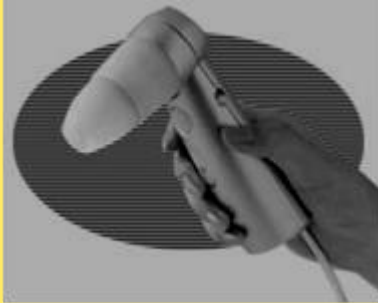


MONUM

TOOLS

SCALAR USB MICROSCOPE M2

The world leading USB Microscope for analytical research, documentation, on site testing, artifact & doc examination and presentation applications.



Rugged versatile digital microscope providing optical magnification up to 400x and on-screen full-colour computer display facility. Allows multiviewer examination without the eye fatigue, with software for still, time lapse and video capture, polarising imaging, integral illumination and interchangeable lenses. USB M-2 can be handheld for direct touch contact applications or mounted on fully adjustable, micro-vernier calibrated stand. Used as a handheld camera, the small head enables access awkward areas and attain angles of view not possible with a conventional microscope. For high image magnification and critical focus, use of the stand also allows camera to be moved to the specimen. In addition to still, time lapse and video capture, the software provides unique file reference, date, time and PC facility to enable details to be recorded against each image. Images can be forwarded as email attachments. Full system includes 30x polarising lens, easy-to-change 1x, 50x and 200x bayonet-mounted lenses, stand and drivers for the microscope and video capture software.

Optional Extras: Lens x400, 200, 100, 50, 1 Relay Lens, C Mount Adapter, Stand

Imager specifications include 330Kpixel, 0.25in colour CCD and video resolution of 640x480 at 12.5frame/s or 320 x 240 at 30frame/s. Minimum system requirements are USB interface, iMac, iBook, PowerMac, G3 or G4 with system 8.6.1 or higher or PC with Pentium 233MHz or equivalent running any Windows version. Minimum 32Mbyte RAM (64M recommended)

Movie: Preview MAX12.5fps@640x480 Capture MAX12.5fps@640x480

Manufacturer	SCALAR JAPAN
Imager	1/4-inch color CCD (effective 310,000 pixels)
Interface	USB Interface
Magnification	50 times (based on 14inch monitor)
Power Consumption	400mA (Supplied through USB Cable)
Dimension	W46 x D98 x L154 approx 200g (with Lens)
Cable	1.8 m
Still Image	JPEG/BMP(Win) JPEG/PICT(Mac)
Capture	Capture Button
White Balance	Auto/Manual
Brightness	Auto/Manual
Adjustment	Contrast, Sharpness and Brightness
OS Compatibility	Windows/Mac
Basic Set	USB Microscope M-2 & Lens x30

OPTIVISOR

Binocular Headband Magnifier



OPTIVISOR optical glass lenses resist scratching and solvents.

They can be worn over your regular glasses.

DA-5 stands for 5 Dioptre magnification.

Other powers (2, 3, 4, 5, 7, 10) are available

Eye loss of flexibility, called presbyopia is shared by everyone over age 40.

As we age, the lens of our eyes harden and we lose accommodation, the ability to change our focus for close objects.

Most people notice this condition in mid-forties.

OPTIVISOR is an accessibility aid wore by professionals in many fields.

As we become older, we find that our eye lenses have less flexibility.

Binocular design reduces eyestrain and allows three-dimensional vision.

Optical Glass Prismatic Lenses Ground and polished to precision optical standards.

It Tilts

Adjustable pivots allow the visor to be tilted out of the way when not needed

Adjustable headband - conforms to fit all head sizes.

Leather comfort band padded with orthopedic felt adds comfort for hours

Hood keeps light from reflecting off the back of lenses, increasing contrast ratio.

Contrast ratio is the difference between brightest and darkest point in an image.

Better contrast ratio lets you see details you would miss otherwise.

LT-06 Option

Distance in focus depends on illumination amount - brighter the field, the more your iris will constrict providing a greater depth of focus.

The depth of field is the minimum to maximum distance in focus.

To add brightness try LT-06 light. Xenon light beam 6000 Candle Power.

5-6 hour battery life. Mounts on head band. Lamp turns for on/off control

Optional OPTILOUPE (LP-1) for extra close inspection multiplies magnification x2.5

We stock replacement lens plates (LP-X)

GROUT PUMP HG-9



Airplaco HG-9 Handy Grout Pump is designed for grout and high-viscosity slurries: cast assembly, ball-check manifold, polyurethane hopper and pressure gauge
Hand-operated, portable grout pump for smaller grouting jobs: consolidation, jointing, leveling, waterproofing, void fill and other grouting applications.
Designed for durability while still offering a lightweight grouting solution.
HG-9 grout pump design maximizes two important features, durability and weight.
The grout pump cast assembly ensures durable design free from excessive welding.
Polyurethane hopper ensures lightweight and easy cleaning after the operation.
In-line pressure gauge allows the operator to monitor the efficiency in relation to the thickness of the slurry used for the application.
Check out air-powered Handy-Grout HGA-50 for portability and more power

Optional parts, accessories and finishing tools to customize HG-9 for any job.

Includes: 1" x 10 ft long Hose with straight pipe nozzle

Output Capacity: 15 ft³/hour.

Line pressure: 0-100 psi

Hopper Capacity: 5 gallons

Outlet Diameter: 1"

Weight: 53 lbs

Dimensions: Width=16" Length=24" Height=26"

Lightweight, easy-cleaning Polyurethane hopper

Light weight cast assembly

Features a self-priming manifold

Hand-operated piston pump

Easily fits into tight spaces

Made in USA

POLIERI PAN MIXERS

Applications: For lab and field use to prepare mortar specimen and samples

Pan type models 130 and 400 assure best uniformity and efficient mixing.

Manually controlled discharge for easy unloading into suitable container or wheelbarrow.

Steel mixing blades and paddle designed to resist wear and ensure fast and effective mixing



Model 130

Power 1850 W

Power Source 230 V, 50 Hz, 1 ph

Pan Capacity 130 liters

Mixing Capacity 70 liters

Dimensions 810x770x1030/1210

Weight 95 kg



Model 400

Power 3000 W

Power Source 380 V, 50 Hz, 3 ph

Pan Capacity liters

Mixing Capacity 70 liters

Dimensions 1550x1300x1230/1550

Weight 350 kg

ULTRASONIC PIEZO SCALER M-1



Latest high-tech ultrasonic piezo, leading tool for crust removal cleaning of frescoes, mural paintings, sculpture surface, stone artefacts items without substrate damage

System: electrocircuit, waterway and ultrasonic transducer

Automatic frequency track for steady work on best frequency

Detachable handpiece for ergonomical application

Cable made from silica gel tube, soft and durable.

Tips G1, G2, G3, G4, P1 compatible with EMS, Endo function.

Small and light designed, easy operation.

Power supply input: 240V 50/60Hz 1.1A (Max)

Main unit power supply: 30VDC 1.5A

Output primary tip vibration excursion: $\leq 100\mu\text{m}$

Output tip vibration frequency: 24KHz-32 KHz

Output half-excursion force: $\geq 0.5\text{N}$

Output power: 3W-75W Main unit fuse: 2.0A/250V

Input water pressure: 0.1bar-5bar (0.01Mpa-0.5MPa)

Main unit weight: 680g Transformer weight: 330g

Operating mode: continuous operation

Type of protection against electric shock: Class II

Protection against electric shock: B type application part

Protection against harmful ingress of water: normal IPX0

Foot control switch is water proof equipment (IPX1)

MICROMOTOR 50E



Ergonomical design $\varnothing 35$ mm allows comfortable handling and optional control for polishing, milling, drilling, routing, cutting, cleaning, brushing, deburring, sawing, engraving and carving
Lock button allows the spindle to be locked for easy exchange of bits.

20mm collar allows fitting of drill stands, rotary tool holders, tile cutting, angle attachments.

Variable speed from 5,000 - 20,000rpm (no load).

Quietness and effortless, vibration-free drive via the special permanent magnet motor

Efficient cooling system facilitates extended use under various load conditions.

Low voltage for optimal safety. Precision ball bearing in spindle.

6 high precision triple slit steel collets in sizes 1.0 - 1.5 - 2.0 - 2.4 - 3.0 and 3.2 mm ensure accurate clamping of bits for highest concentricity and precision you need for finest work

REQUIRES: Micromot transformer of at least 1.0A.

See Micromot NG 2/S and NG 5/E transformers

Optional keyless chuck (28941) available

Technical Data

Maximum power: 40 watt

Speed: 5000-20000

Variable

Collar $\varnothing 20$ mm

Chuck type: Collet

Housing width: $\varnothing 35$ mm

Length: 220mm

Cord type: Coil

Voltage: 12V DC

Safe use of coolant

Weight: 230g

ERASING PEN



Tips: Nylon 0.20 white, Nylon 0.30 black, Hog hair, Brass, Bronze, Silver wire 0.12 mm

TIP SETS



Goat Hair



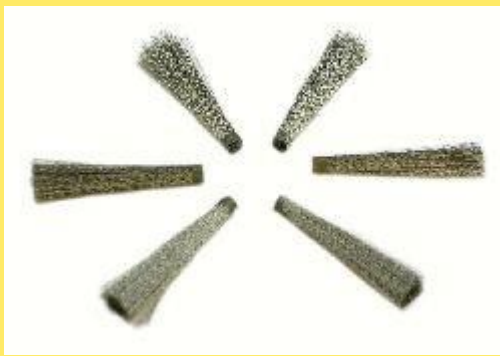
Hog Hair



Glass Fibre



Nylon



Nickel Silver



Bronze



Brass



Mixed

STAINLESS STEEL SIEVES FOR PARTICLE SEPARATION



Stainless Steel 304/316 Sieves \varnothing 20 cm
Guaranteed Calibration.

mesh	microns	mesh	microns	mesh	microns	mesh	microns
	10000	14	1400	50	300	200	075
3.5	5600	16	1180	60	250	230	063
4	4750	18	1000	70	212	270	053
5	4000	20	850	80	180	300	050
6	3350	25	710	100	150	325	045
7	2800	30	600	120	125	400	038
8	2360	35	500	140	106	450	032
10	2000	40	425	150	099	500	025
12	1700	45	355	170	090	635	020

SPATULA

SPATULA DOUBLE LEAF
Hot Forged Carbon Steel



CTS 601 18.5 cm
CTS 603 21 cm
CTS 604 24 cm

SPATULA
Hot Forged Carbon Steel
One Flex End, One Stiff Shovel End



CTS 610 16 cm
CTS 611 18 cm
CTS 612 20 cm
CTS 613 22 cm

SPATULA

Hot Forged Carbon Steel

One Flex Leaf End, One Rigid Lance End



CTS 620 16 cm

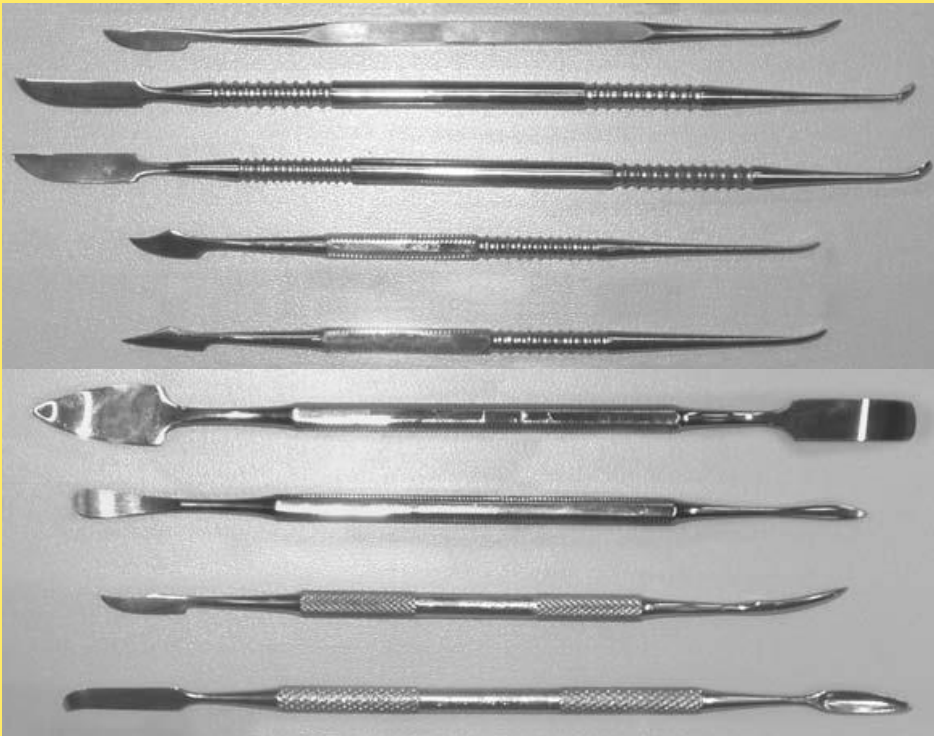
CTS 621 18 cm

CTS 622 20 cm

CTS 623 22 cm

SPATULA

Stainless Steel



CTS 681 13.5cm CTS 682 16.0cm CTS 683 16.5cm CTS 684 12.8cm CTS 685 13.0cm

CTS 686 17.2cm CTS 687 15.0cm CTS 688 14.5cm CTS 689 16.8cm

SPATULA



CTS 751 23 cm

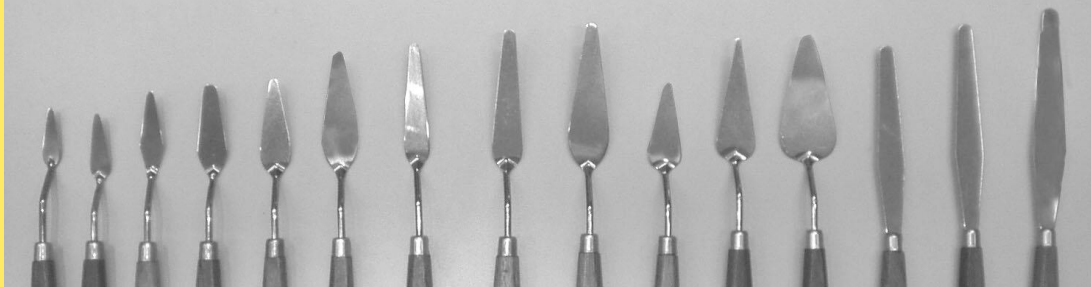
CTS 762 23.8 cm

CTS 764 22.3 cm

SPATULA

Hand Forged Steel

Wood Handle, Brass Ferrule



CTS 7655-01
CTS 7655-02
CTS 7655-03
CTS 7655-04
CTS 7655-05
CTS 7655-06
CTS 7655-07
CTS 7655-08

CTS 7655-09
CTS 7655-10
CTS 7655-11
CTS 7655-12
CTS 7655-13
CTS 7655-14
CTS 7655-15

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CTS 7655-19
CTS 7655-20
CTS 7655-21
CTS 7655-22
CTS 7655-23

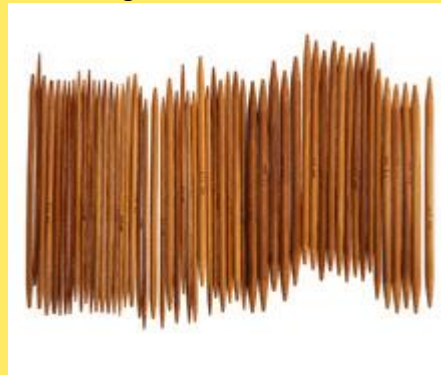
CTS 7655-24
CTS 7655-25
CTS 7655-26
CTS 7655-27
CTS 7655-28
CTS 7655-02
CTS 7655-30

BAMBOO SPATULA

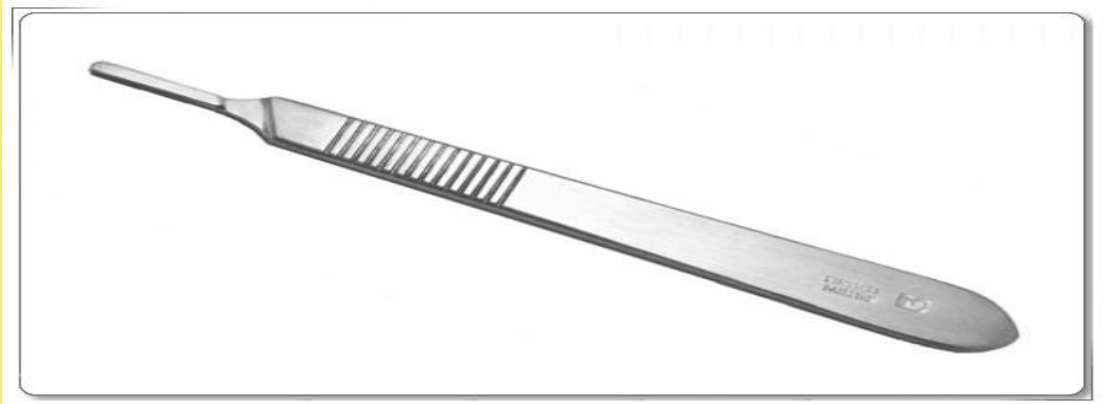
One end pointed, one end squared
Set 100 Length 210 mm



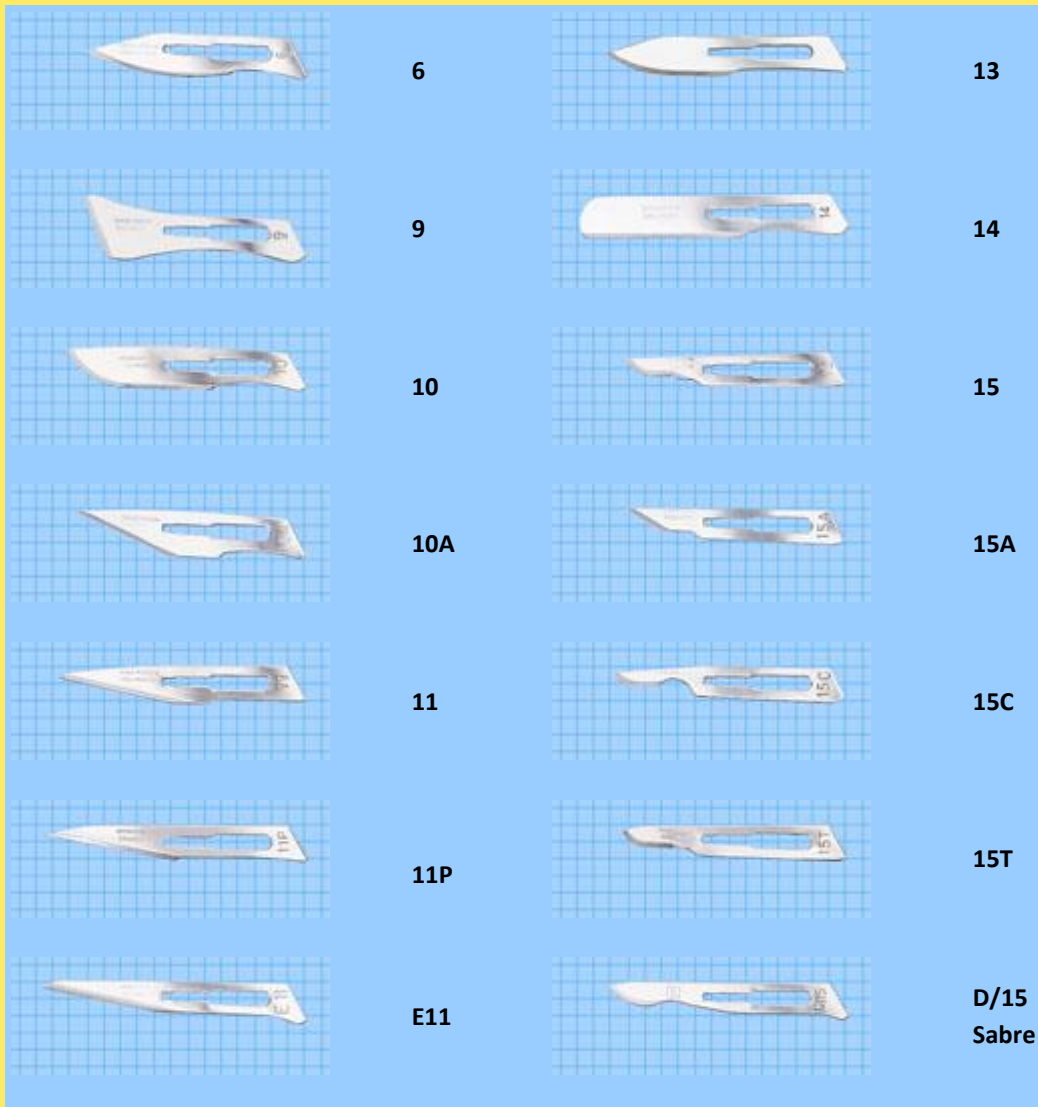
Double pointed end
Set 75 Length 200 Ø 1-10 mm



SCALPEL



Handle No.3





**E/11
Sabre**



No.16



12



No.40



Handle No.4



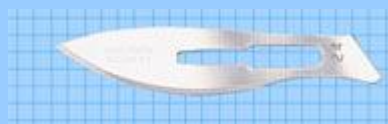
18



**B23
Sabre**



19



24



20



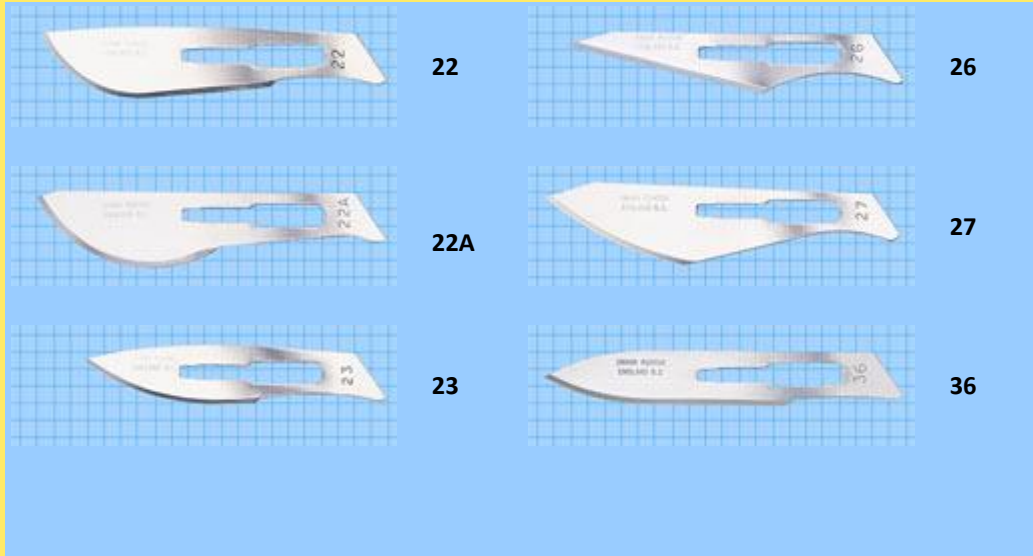
25







21



25A



CHISELS
Chrome Vanadium Steel

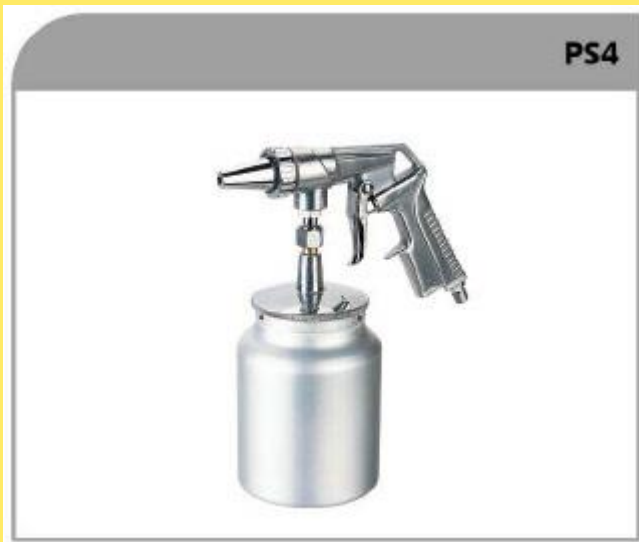
Item No.	
805-10	10 x 120 mm
805-12	12 x 130 mm
805-14	14 x 150 mm
805-18	18 x 165 mm
805-22	22 x 180 mm
	
815-4	4 x 120 mm
815-5	5 x 130 mm
815-6	6 x 150 mm
815-7	7 x 165 mm
815-8	8 x 180 mm
815-10	10 x 200 mm
	
820-1	8 x 200 mm
820-2	8 x 250 mm
820-3	10 x 250 mm
820-4	10 x 300 mm
820-5	12 x 250 mm
820-6	12 x 300 mm
820-8	15 x 300 mm
820-9	18 x 300 mm
820-10	20 x 350 mm
	
825-10	16 x 350 mm

Scraper



Inox 1", 3"

MINI SANDBLAST GUN



CE Certified ISO 9001

Air Inlet 1/4"
 Rated Pressure <90 psi
 Max Pressure 150 psi
 Cup Capacity 1 liter
 High Quality

PRESSURE SPRAYERS

















Stilla 5



Stilla 10



Technical Data

	maximum capacity	net capacity	apt for -	length of range with long jet	height of range with long jet	wide angle max	cc leverage	average flow cc/min - 3 bar	maximum pressure
stilla5	5,65 lt	4,50 lt	 300 m ²	 900 cm	 450 cm	 60°	 250 cc	 1100 cc	 3 bar
stilla10	10,75 lt	8,50 lt	 750 m ²	 900 cm	 450 cm	 60°	 250 cc	 1100 cc	 3 bar

SPRAYERS



8 lts



12 lts

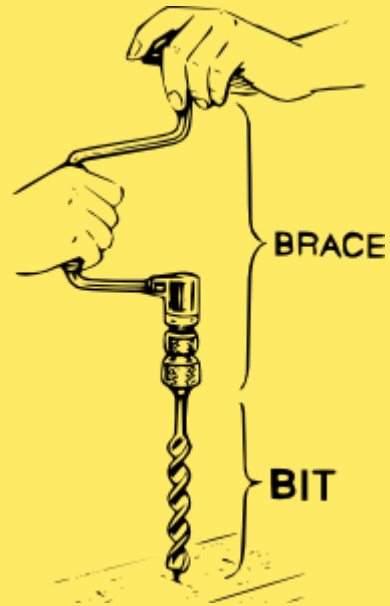


2 lts

MANUAL DRILLS



MANUAL DRILL W



MANUAL DRILL M



MANUAL DRILL JD

MULTI HAMMER 15



HEAVY DUTY KNIFE 15



HEAVY DUTY BLADES 100



PORTABLE MINI KNIFE 10



INJECTION SYRINGE



Brass Syringe 250 - 500 cc

PLASTIC SYRINGES



INJECTOR 30 ml



ENGRAVING PEN



Diamond Engraving Pen Tool
Tungsten Carbide Tip
Carving Chisel and Scribe Tool
Color: Silver Weight: 55g

SPONGE

CELL SPONGE

Oval Pure Cellulose 190x10x50 mm



SPONGE AKAPAD



CELL SPONGE

Pure Cellulose Ø 70 mm



SPONGEL

Magic Gel Sponge



NANO SPONGE
100x60x20 mm



PU SPONGE



CTM COTTON SPONGE
CSponge 63030 6 ply 30x30 cm



Multi-ply cotton sponge for stone, masonry, mural painting and artifact conservation in applications requiring non-destructive and non-intrusive cleaning and desalination
Highly absorbent cotton gauze sponge developed for drying and wetting treatments
Economical and efficient sponges for testing, diagnosis and pilot cleaning operations
Sterile pads are ideal for substrates biocide cleaning to avoid further contamination
Useful in safety soak up procedures and first aid interventions in accidental cases

CONTACT SPONGE KIT



method for in situ evaluation of water-repellent surface treatment efficiency

BRUSHES

Flat Brush, Natural Hair 25-50 mm



Round Brush, Natural Hair 0-24



Steel, Nylon, Brass



DREMEL

530 Stainless Steel



535 Brass



428 Carbon Steel



**+++++538
Nylon Abrasive**



531 Stainless Steel



536 Brass



442 Carbon Steel



403 Nylon



532 Stainless Steel



537 Brass



443 Carbon Steel

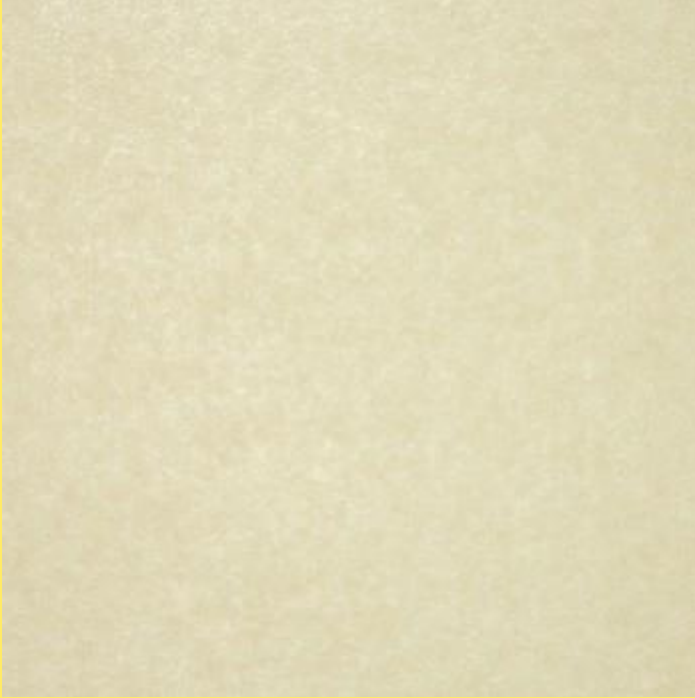


404 Nylon



PAPER

JAPANESE PAPER



Kozo 100% Weight 11, 22, 45 g/m² 52x79 cm
Mitsumata 100% Weight 4 g/m² 21x30 cm

ABSORB



Paper Roll & Dispenser
Pure Cellulose 100% 2 ply
Length 1500 Width 0.30 m