



Effective
Efficient
Productive



SPCT
Surface Treatment
Coating Equipment

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SPCT

Portable Dust-Free Blast Machine

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SPCT 204-10PX



SPCT 204-10H



SPCT 204-10A2

*Product Features

- ◆ All-in-one Blast and Recycling Vacuum integrated
- ◆ Small and light portability for easily move from place to place, total weight is only 4.8Kg
- ◆ Space adaptability-Small size for any space

Portable Dust-free Blast Machine

SPCT 204-10 series machine is a multifunctional tool, especially used for limited air supply or small space the traditional blast machine can't support. It will be a blast machine if connecting blast gun for blasting, a vacuum cleaner with dust head for cleaning surface, or a vacuum blast machine with vacuum head for dust-free blasting.

Technical Specification

Model	SPCT 204-10H (with Blast Gun 2063)	SPCT 204-10A2 (With blast Gun A2)	SPCT 204-10PX (With Dust-Free Blast Head)
Work Pressure	8bar	8bar	8bar
Abrasive Size	0.5-1.2mm	0.5-1.2mm	0.5-1.2mm
Weight	4.5+5.5kg	4.5+2.2kg	4.5Kg(Tank)+1.5kg(Head)
Capability	10L	10L	10L
Inlet	3/8" Quick coupling	3/8" Quick coupling	3/8" Quick coupling
Air Consumption	4+5 m ³ /min	4+4 m ³ /min	4 (Tank)+4(Head) m ³ /min
Feature	Blasting	Blasting	Dust-Free Blasting

SPCT II

Portable Vacuum Blast Gun

Dust Free Blast Machine



SPCT A2

Manual Blast Gun

SPCT A2 is a portable blast tool designed for limited air supply or spaces, such as mini-containers, corners and edges which is difficult to clean. The gun is lightweight and easy to handle. Just plug the blast hose into the abrasive tank, and connect with the air hose, pull the trigger, it begins to work efficiently and clean the surface quickly. Any media can be used and adjust the pressure according to the surface requirement.



SPCT 2063

*Product feature

- ◆ *Lightweight, Portable, and easy to carry*
- ◆ *Easily connect to any media container or bag, tank.*
- ◆ *Simple Operation and low maintenance*
- ◆ *Effective, Efficient, Productive*

Portable Vacuum Blast Gun

This lightweight and compact blast tool are designed for the limited space, such as mini containers, corners, and edges, or the hard to reach areas. All common media are available and the pressure can be adjusted according to user's requirement. It's powerful and easy to use. Just plug the blast hose into the abrasive tank, and connect with the air hose, pull the trigger, it begins to work efficiently and clean the surface quickly.

Technical Specification

Model	SPCT 2063	SPCT A2
Max. Working Pressure	12bar	7bar
Abrasive Size	0.5~1.5mm	0.5~1.5mm
Abrasive Consumption	50~150kg/h	50~150kg/h
Suction Hose	1"	½"
Air Hose	1"	½"



SPCT 50

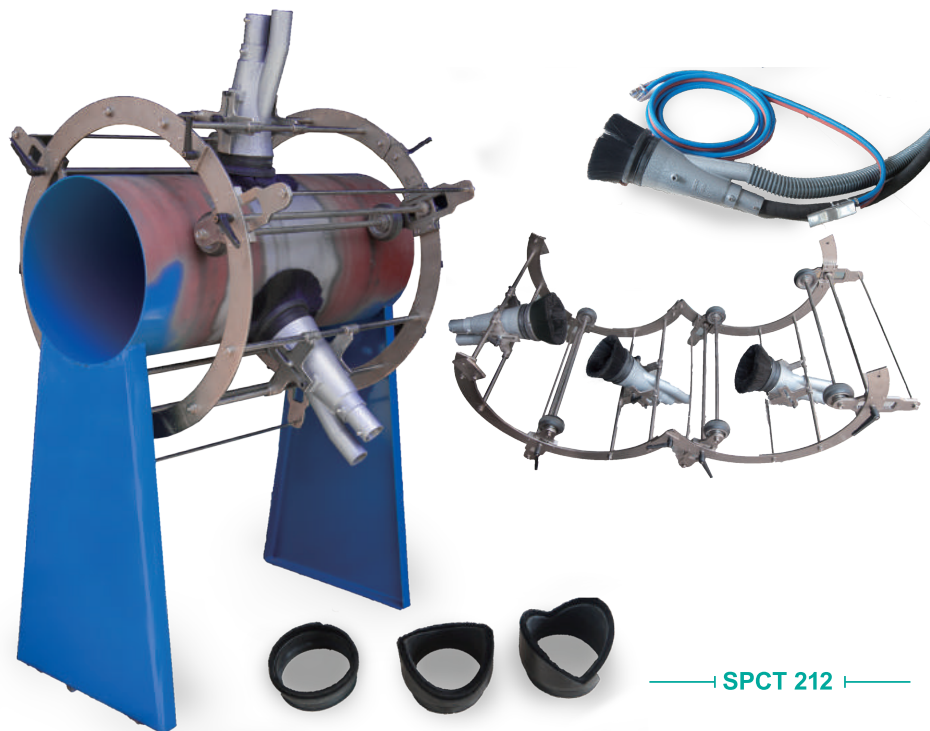
Portable Dustfree Blast Machine

The portable dust free blast machine is the best tool for spot cleaning, removing weld spatter and metal edges, or any cramped and narrow areas, such as aloft work and anticorrosion etc. Special accessories allow you blast on rough surfaces as well as inside and outside corners. The swiveling nozzle makes it easy to blast in any direction, also for a left-handed operator. The nozzle is encased in a rubber cowl, which is applied to blast at right angles. Specially designed cowls are available for angled surfaces, pipes, steel sheet edges, etc.

Portable, easily operate with 3 kg weight only, high efficient and environment-friendly with dust free.

Technical Specification:

Model	SPCT-50
Air Pressure	7bar
Air Consumption	3 Nm ³ /min (At 0.7MPa)
Working Efficiency	2~5 m ² /h
Blast Width	32mm
Capacity (Iron Grit/kg)	2Kg
Empty weight	3kg



Pipe Dust Free Blast Machine

Working with SPCT Dust Free Blast machine, this unique Frame is specially designed for Pipe outer surface. Fixed vertical or horizontal blasting method makes the possibility to move the blast head up and down or left to right easy. The Frame can be adjusted according to the diameter of the pipe with the range 6.625", 8.62", 10.75", 12.75", 14", 16", 18", 20", 22", 24", 26", 28", 30", 48". Please contact us if you need any special size.

Technical Specification:

Model	SPCT 212-220	SPCT 212-560	SPCT 212-760	SPCT 212-1220
Work range (Dia. mm)	168-220	270-560	600-760	700-1220



SPCT 204-400



SPCT 211-800

*Product Features

- ◆ With the wheeled frame, this machine can move easily.
- ◆ User-friendly control. After installation and adjustment, opening air break, then operate with the remote control.
- ◆ Friendly working environmental.
- ◆ Air power with safeguard remote control switch.
- ◆ Abrasive Auto-recycling reduce the abrasive wastage and lower blast working cost.
- ◆ Function for dust collector only with conversion switch.

Vacuum Dust-Free Blast Machine

Vacuum Dust-Free Blast Machine can be widely used in the industries of iron and steel construction, shipbuilding, maritime, petrochemical, civil construction, bridge cleaning, water pipes, tunnels, and other fields. It uses for dreaming, deburring and removing rust and paint, oxide scale and surface dirt of concrete and stone. Compact and strong design with multi-function, this equipment provides efficient, safety and stable recovery ability, and automatically recycling abrasive after separating from dust.

Technical Specification

Type	SSCE204-400	SPCT 211-800
Efficiency	Sa2.5-Sa3.0	Sa2.5-Sa3.0
Steel Surface	4-7m ² /h	6-12m ² /h×2
Concrete Surface	12-17m ² /h	15-20m ² /h×2
Standard hose length	20m	20m/40m
Blast head weight	1.08Kg	optional
Abrasive	Steel grit, Alumina, Glass shot etc.	
Compressed air	6m ³ /min, 7Kg/cm ²	13m ³ /min, 7kg/cm ²
Capability of abrasive	50L	200L
Nozzle diameter	6.5mm or 8mm	10mm or 13.5mm
Abrasive granule	0.12-2mm	0.12-2mm
Length*Wide*Height	1100x800x1700mm	1650x1250x2200mm
Weight	200Kg	520Kg
Vacuum source	SE83	SE83
Max.hose length	40m	40m
Control method	Pneumatic control	



—| SPCT 119 |—



—| SPCT 121 |—

*Product Features

- ◆ 24hours non-stop working
- ◆ Top filter and cover on blast pot prevent debris, which will block the blasting gun.
- ◆ The capacity of 30t makes the possibility for 4 guns non-stop working for 4 hours.
- ◆ The manual valve for Blast pot outlet making blast machine easy to operate and maintain
- ◆ Electric control Box equipped control panel and alarm system with all IP54 Electrical components
- ◆ Air evacuation valve on the top of blast pot quickly release the remaining pressure air, save the grit/sand filling time
- ◆ Each gun working Independently,
- ◆ Easy to move whole equipment without special requirement
- ◆ Weather-resistant

Combined Blast Machine

SPCT large combined blast machines are compact, energy saving and highly efficient. Reference to the container dimensions, the idea is for transportation and moving conveniently. Their enormous storage capacity can hold 30t abrasive per time and keeps non-stop working with high efficiency. Widely used in shipbuilding, bridge, mining, oil pipe, metal smelting, boiler, machine tool, railway road, port construction, and irrigation works, they're superiority equipment for massive surface treatment.

Technical Specification:

Model	SPCT121	SPCT 119
Sandblasting machine numbers	SSCE6524 x 4 Sets	SSCE6524 x 4 Sets
Sandblasting machine capacity	0.2m ³	0.2m ³
Sandblasting machine weight	210KG	210KG
Air interface	4"	4"
Work pressure	0.6-0.8MPA	0.6-0.8MPA
power supply voltage	AC380V	AC380V
Control supply voltage	DC24V	DC24V
Sandblasting outlet	1-1/4"quick interface	1-1/4"quick interface
Nozzle diameter & numbers	9.5mm , 4pieces	9.5mm , 4pieces
Air consumption	23Nm ³ /min(at0.7mpa)	23Nm ³ /min(at0.7mpa)
L x W x H	4200x2200x2800mm	2300x2300x4000mm
Equipment volume	8m ³	8m ³
Weight	4800KG	4600KG



SPCT 1880-D-2



SPCT 1990M



SPCT 1340



SPCT 1460



SPCT 1560X



SPCT 205/3000

*Product Features

- ◆ HIGH EFFICIENCY
- ◆ POWERFUL & DURABLE
- ◆ COST SAVING
- ◆ SIMPLE AND EASY OPERATION
- ◆ LOW MAINTENANCE

Blast Machine

SPCT high-efficiency blast machine has a superior function in removing large areas of rust. It is widely used in the field of construction, marine, bridge building, mining, oil pipeline, metallurgy, boiler, machine tool, port, hydraulic engineering, and many other projects. The blast standard reaches Sa2.5~3, and its surface roughness degree is up to 25~100μm.

We Offer Following Control System

- 1) Manual control
- 2) Pneumatic
- 3) Electro-pneumatic remote control systems
- 4) Pneumatic remote control system with air blast and blow function.

Technical Specification:

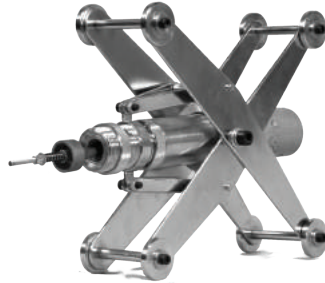
Model	SPCT 1340	SPCT 1460	SPCT 1560X	SPCT 1990M	SPCT 205-3000
Air Connection	1 1/4"	1 1/4"	1 1/4"	1 1/2"(single gun) 2"(Double guns)	2"
Outlet	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Air Pressure	7bar / 125~150psi	7bar / 125~150psi	7bar / 125~150psi	7bar / 125~150psi	7bar / 125~150psi
Air Consumption	6Nm ³ /min(At 0.7MPa)	6Nm ³ /min(At 0.7MPa)	6Nm ³ /min(At 0.7MPa)	12Nm ³ /min(Double Gun)	22 Nm ³ /min
Nozzle	φ10mm	φ10mm	φ10mm	φ10mm×2pcs	φ10mm×4pcs
Capacity	0.08m ³	6cu.ft/0.170m ³ /70L	8cu.ft/0.226m ³ /226L	27 cu.ft/0.8m ³ /800L	106 cu.ft/3m ³ /3000L
Dimension	16"×51"×412mm×1300mm	24"×55"×612×1400mm	24"×62"×612×1570mm	35"×75"×900×1900mm	63"×96"×1600×2400mm
Weight	125Kg	250Kg	250Kg	600kg	1575kg

Technical Specification:

Model	1880-D-2	1770-D-2
Air Inlet	1 1/4"	1 1/4"
Height	1820mm	1700mm
Work Pressure	1Mpa	1Mpa
Outlet	1 1/4"	1 1/4"
Pot Diameter	820mm	616mm
Capacity	0.6m ³	0.4m ³
Control Method	Wireless remote control and wired remote control	Wireless remote control and wired remote control
Efficiency	Single Gun ≥12 m ³ /h	Single Gun ≥12 m ³ /h
Weight	600kg	420kg
Air Consumption	9Nm ³ /min	9Nm ³ /min
Voltage	220V	220V
Movable Type	Wheel Removable /fixed	Wheel Removable



SPCT 201-75



SPCT 201-250



SPCT 206-190

***Product Features**

- ◆ **Excellent atomization effect,**
- ◆ **High painting rate,**
- ◆ **Easy to use and carry**
- ◆ **Low maintenance**

Inner Pipe Spray Machine

SPCT Inner Pipe Spraying Machine provides an effective solution for inner pipes coating spray. The machine enables even paint spraying at a desirable speed. The key part of the SPCT Inner Pipe Spraying Machine is its start control system, which allows the users to start or stop paint spraying by switching on/off button in rotating sprinkler. Our coating technology with high speed and high precision will bring you the tremendous benefit of saving time and money.

Technical Specification

Model	SPCT 206-190	SPCT 206-950
Tube Dia. mm	Φ150-Φ300	Φ300-Φ900
Air Consumption	1m ³ /min	1m ³ /min
Air Pressure	0.6~1Mpa	0.6~1Mpa
Size (L×W×H)	350mm×120mm×100mm	650mm×260mm×290mm
Weight	3kg	21kg

Spray Gun

SPCT 2064 is the gravity spray gun for floor paint to preparing small area, With the function of self-gravity and the negative pressure from the nozzle, the paint spray out, and atomized after mixed with air.

Technical Specification:

Model	SPCT 2064
Maximum Air Pressure	0.8Mpa
Common Air Pressure	0.1~0.4Mpa
Diameter of Air Inlet	Φ5mm
Paint Supply	Gravity
Weight	1.5kg



SPCT 2064



SPCT 201-450



SPCT 201-900



SPCT 206-950

Pipe Dust Free Blast Machine

Easy operation and low maintenance, 201 series inner pipe blast machine is a special extension tool working with sandblasting. It is a tool professionally designed for cleaning the pipeline inner surface and doesn't need to rotate the pipe. It's a useful and efficient tool to removes rust, paint, etc.

Technical Specification:

Model	SPCT 201-900	SPCT 201-450	SPCT 201-250	SPCT 201-75
Hose Dia.	Φ450mm~Φ900mm	Φ250 - Φ450	Φ 60mm~Φ250mm	Φ30mm~Φ75mm
Air Consumption	6m ³ /min	6 m ³ /min	3.1m ³ /min	6m ³ /min
Air Pressure	0.5~0.7Mpa	0.5~0.7Mpa	0.5~0.7Mpa	0.5~0.7Mpa
Max Dia. of Abrasive	1mm	1mm	1mm	1mm
Dimensions	290mm×520mm	Φ200×520mm	Φ140×350	Φ21×80
Weight	25kg	14.5Kg	4kg	0.15kg



—| Sand-Blast Nozzle |—



—| Remote Control Switch |—



—| Quick Coupling |—



—| Blast lamp |—



Aluminium Suction Spare Parts



Plastic Suction Spare Parts



Antistatic Wheel



Cleaner Brush

Suction Tool

These suction spare parts and accessories supply a variety use range for SPCT vacuum cleaner. Made of high-quality composite plastic, aluminum, and stainless steel, they are widely used in different fields and support different works.

Pneumatic blowing/suction gun

SPCT 2081 Pneumatic blowing/suction gun is a portable and handy tool for clean. It can collect dust, tiny stuff, and liquid through blow, suction, or blow/suction function by adjusting the blow valve and suction valve. No heat is generated after extended periods of use. It is a useful tool for any occasions can't use electric power.



SPCT 2081A

Technical Specification:

Model	SSCE2081A
Vacuum Degree Max	2600mmH2O
Compressed Air Consumption	1.6m³/min
Compressed Air Pressure	5-8 bar
Noise	70 Db(A)
Volume of the Filter Bag	1.5L
Usage life of the Filter Bag	800Hours
Dimensions	700x83x65mm
Weight	1kg



SPCT 209-20



SPCT 209-60



SPCT 209-80



SPCT 209-240



SPCT 209-160



SPCT 207-405

*Product Features

- ◆ Air supply, no electric power requirement
- ◆ High vacuum, powerful suction ability
- ◆ No movable parts, no electric current, no wear parts
- ◆ No motor working
- ◆ Quick, high, efficiency and recovery the wet and dry material (special parts need for wet material recovery)
- ◆ Use for various material
- ◆ Sturdy and durable frame, long service life , especially used in heavy industry

Industrial Cleaner

SPCT Super Pneumatic Vacuum Machine removes dust and stuff with compressed air. It is used to collect steel shot abrasives, quartz sand, liquid sludge, dust, anything whatever it's dry or wet. It's a perfect cleaner for industries.

Technical Specification:

Model	SPCT 209-20	SPCT 209-60	SPCT 209-80	SPCT 209-160	SPCT 209-240	SPCT 207-235	SPCT 207-405
Vacuum Degree Max	4300mmH2O	8200mmH2O	6200mmH2O	6200mmH2O	6200mmH2O	7500mmH2O	7500mmH2O
Air Volume Max	330Nm³/hr	330Nm³/hr	330Nm³/hr	330Nm³/hr	330Nm³/hr	550Nm³/hr	550Nm³/hr
Compressed Air Consumption	2.2m³/min	5.7m³/min	4.2m³/min	4.2m³/min	4.2m³/min	9.5m³/min	9.5m³/min
Compressed Air Pressure	7 bar	7 bar	7 bar	7 bar	7 bar	7 bar	7 bar
Noise	62 db	62 db	62 db	62 db	62 db	75 db	75 db
Filtration Unit	Cartridge filter	Cartridge filter	Cartridge filter	Cartridge filter	Cartridge filter	Cartridge filter	Cartridge filter
Filtration Material	Polyurethane	Polyurethane	Polyurethane	Polyurethane	Polyurethane	Polyurethane	Polyurethane
Filtration Area	1.8m²	2.5m²	2.5m²	2.5m²	2.5m²	3.2m²	3.2m²
Volume	20L	60L	80L	160L	240L	235L	405L
Material	PVC	PVC	PVC	PVC	PVC	NVF	NVF
LxWxH (mm)	360*400*530	640*450*950	700*630*1230	1200*630*1230	1880*630*1230	1100*880*2100	1500*880*1800
Weight	7kg	35kg	45kg	65kg	85kg	130kg	290kg



SPCT 75



SPCT 90

Electric Vacuum Recovery Machine

SPCT Electric Recovery Vacuum Machine is specially designed for recycling copper ore, steel shot, and other abrasives. It includes gravity separator, cyclone dust extractor, filter dust extractor, vacuum pump, silencer, and electric controlled cabinet, etc. Its container frame also makes it easy to move with its compact and solid structure. Multifunction PLC programmable controller concentrates on each working management. Central control system with multiple functions makes it easy to operate with low maintenance.



SPCT 37

Technical Specification

Model	SPCT 37	SPCT 75	SPCT 90
KW	37	75	90
Power Source	380V/50HZ	380V/50HZ	380V/50HZ
Vacuum Pump	ST150SCBF	ST250SCBF	ST250SCBF
Noise	≤ 85 db(A)	≤ 85 db(A)	≤ 85 db(A)
Max. Convey Distance	Horizontal:30m; Vertical:40m	Horizontal:30m; Vertical:40m	Horizontal:30m; Vertical:40m
Capacity	2-5t/h	5-8t/h	6-9t/h
Air Volume	47 m³/min	50 m³/min	50 m³/min
Sand Collection Tank	Volume: 4t Φ900×2000 mm	Volume: 8t Φ1700×3000 mm	Volume: 8t Φ1700×3000 mm
Concentration of Dust Emission	10 mg/m³	10 mg/m³	10 mg/m³
Filtration Area	64m²/polyester synthetic fiber water washable	64m²/polyester synthetic fiber water washable	64m²/polyester synthetic fiber water washable



SPCT 18000



Dehumidifier

The all-weather dehumidifier is widely used in the shipyard, pharmaceutical factory, and other related industries. It is designed to reduce humidity and temperature for special coating operation environment, thus ensuring workers to be in a comfortable working environment. The core of the design of the dehumidifier is a high-efficient dehumidifying desiccant rotor, whose huge surface area ensures its ability to absorb plenty of vapors. The compressor refrigeration, one-time cooling, dehumidifying and air-supply of the integral design enable it to quickly respond and operation panel makes it easy to use. Strong and durable, the movable structure for hoist or forklift, and the opening door for easy maintenance.

Technical Specification

type	ADH air-cooled dehumidifier			
	SPCT 18000	SPCT 12000	SPCT 9000	SPCT 6000
power supply	3 phase 380V – 415V 50Hz			
control type	heating/heating&refrigeration/refrigeration			
dehumidified airflow	18000M³/hr	12000M³/hr	9000M³/hr	6000M³/hr
static pressure	2000Pa			
evaporator material	copper tube/aluminium fin			
condenset material	copper tube/aluminium fin			
inlet air status	-10 ~ 38 C / 60% ~ 95%			
outlet air status	25±2 C / RH≤40%			
enclosure structure	containerized			
discharge air connection	6×12"	4×10"	4×10"	2×12"
control type	PLC+HMF			
control panel	IP54, earth leak+phase sequence +overload protection			
temperature display	after cooling, inlet&outlet teperature display+humidity display			
electric current display	the pverload for motors&heater are displayed on amperometer			
pressure display	High/low/oil pressure display+safety switches			
fault status display	Wrong phase/High-low-oil pressure fault/Overloading			
air filters	Washable air filter			
weight	6700 kg	5000 kg	4500 kg	4000 kg
external dimension L×W×Hmm	5000×2400×3100	4000× 2400×2600	4000×2400×2350	3500×2400×2350



| SPCT 2112 |

Blast Lamp

SPCT 2112 Safety, reliable and durable, with halogen bulb. Voltage: 12V, 24V, 36V. Power: 20W, 35W, 50W
On-demand customization



| SPCT 2113 |

Handheld Blast Lamp

SPCT 2113 Cold Polymerization light lamp, safety, reliable and durable. Voltage: 12V, 24V, 36V. Power: 20W, 35W, 50W
On-demand customization



| SPCT 2088 |

Sling Psychrometer

SPCT 2088 Shown as the black unit in the photograph, is a convenient, self-contained instrument with an inbuilt slide rule for the calculation of %RH and Dewpoint. This hygrometer has spirit filled thermometers and is available in ° C or ° F scales. Customization is available. RH% range: 10%-100%, Thermometer: -5°C to 50°C



| SPCT 2098 |

Whirling Hygrometer

SPCT 2098 Determine the dew point and relative humidity at any time. It is a convenient, self-contained instrument. Spirit thermometers
Measuring Range: -5°C to 50°C (23°F to 122°F)



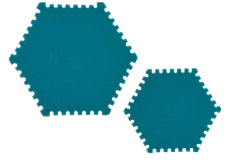
| SPCT 2099 |

Dewpoint Calculator

SPCT 2099 Provides accurate values of dew point and relative humidity (RH) based on the wet and dry bulb temperatures measured by a sling psychrometer or whirling hygrometer. The measure range of it is -10C~+50C and its precision accuracy rate is of ±1%. Customization is available.

Plastic Wet Film Combs

SPCT 2045 ABS material to assure the correct wet film. Metric and Imperial values on different side. The wet film comb can be customized with your logo, so it's also your name card. Min.quantity for customized: 5000pcs. Measurement range: 25-900um, 25-2000um



| SPCT 2045 |

Stainless Wet Film Gauge

SPCT 2042 Made by Stainless steel, the hexagonal wet film gauge has six sided combs providing increased accuracy. Range: 25-2000um



| SPCT 2042 |

Coating Scraper

SPCT 2073 A perfect tool for remove coating sag and modify damaged parts, it also used for wipe off solder residue and dirt on the surface. Easy to use with long service life. Strong and durable blade is made by high wear resistant steel.



| SPCT 2073 |

Multi-purpose Paint Spanner

Handy tool for opening all kinds of cans and bottles. Whole casting body, strong and durable. easy to use.

| SPCT 2130
SPCT 2129 |