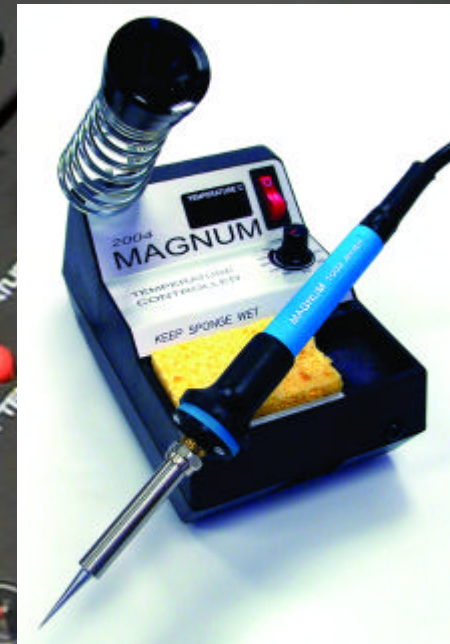


toolsfor
change

Whether your business is setting up its first workstation or expanding to accommodate growth - Magnum's family of soldering products, solutions and service offer exceptional value by delivering ideal blends of price, performance, reliability and the support required to run your business; especially those that are *mission critical*. Our highly-rated service means your business will be up and running fast, to improve uptime and increase service levels. Performance on-demand and great service: two solutions that can dramatically boost the efficiency of your workload. Magnum: Built to work.

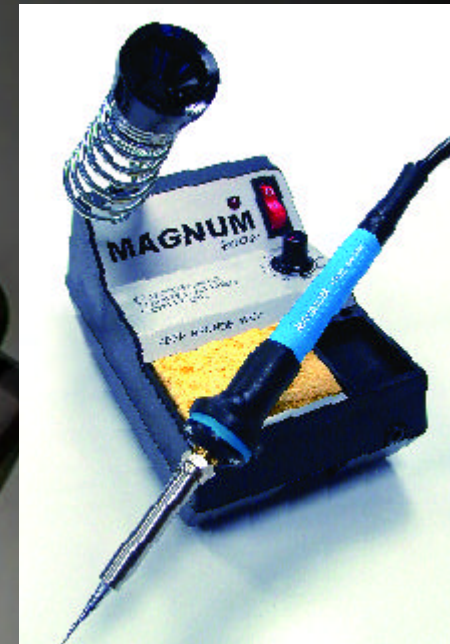


MAGNUM 2004 STATION

The 2004 Soldering Station gives total temperature control with digital read-out. It comes standard with the 1002 soldering iron.

Features:

- Stepless temperature selection between 150°C & 450°C (302°F & 842°F)
- Thermocouple sensing to maintain tip temperature within ± 5°C of selected temperature.
- Electronic proportional control varies the heating period as required to maintain set temperature.
- Continuous 3 digit LED temperature display with 1°C resolution.
- Heating pulse indicator.
- Units earthed with potential balance socket.
- Triac switching at zero-crossover point.
- Safety-spring holder and cleaning sponge. Robust ABS cabinet. Spare tip storage. Illuminated rocker switch



MAGNUM 2002 STATION

The 2002 Soldering Station with total temperature control comes standard with the 1002 soldering iron. They are designed to operate together.

Features:

- Stepless temperature selection between 150°C & 450°C (302°F & 842°F).
- Thermocouple sensing to maintain tip temperature within ± 5°C.
- Heating pulse indicator.
- Units earthed with potential balance socket.
- Triac switching at zero-crossover point.
- Safety-spring holder and cleaning sponge.

Technical data:

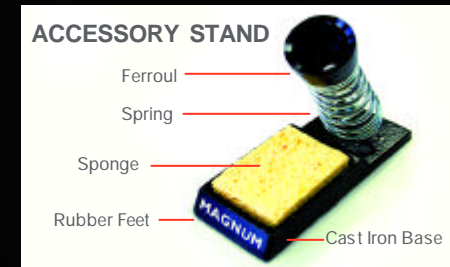
Input 220/240v 50/60Hz external 500mA fuse (120v 60Hz)
Output 24 AC 2A
Size L 200mm W120mm H 110mm (w/o spring holder)
Weight 1,8Kg
The 1002 soldering iron is also available as 24v 80w



MAGNUM 2000 STATION

The 2000 Station comes standard with the 1000SP soldering iron. They are designed to operate together.

This general purpose 24vAC 50w transformer station, like the 2002 and 2004, is supplied with a spring safety holder, sponge, spare tip storage and potential balance socket.



NEW!
MAGNUM SP400 SOLDERING POT

1000SP Soldering Iron

- 24v 50w Temperature controlled soldering iron.
- Designed for use with 2000 station
- Range adjustable between 200°C and 420 °C
- Accuracy of proportional controller ± 3%.
- L.E.D. Heating-pulse indicator.
- Zero-leakage current when earthed.
- Long life iron-plated tips.
- Burnproof silicon cable.
- Operates from any 24v 2A AC power source.

1002 & 1003 Micro Soldering Iron

- 24v 50w Soldering iron.
- Designed for use with 2000 & 2004 stations
- Burnproof silicon cable.
- Long life iron-plated tips.
- 12v 25w Thermally balanced soldering iron.
- Available as 24v 80w with 2002 80w station

1220 Soldering Iron

- 220v 60w Temperature controlled soldering iron.
- Range adjustable between 200°C and 420°C
- Accuracy of proportional controller ± 3%.
- L.E.D. Heating-pulse indicator.
- Zero-leakage current when earthed.
- Plugs into any 220vAC power source.

1230 Soldering Iron

- 220v 25w Thermally balanced soldering iron.
- Temperature at rest ± 420 °C
- Stainless steel element and barrel.
- Long life iron-plated tips.
- Support stand.
- Plugs into any 220v AC power source.

1012 Soldering Iron

- 12v 25w Thermally balanced soldering iron.
- Operating Temperature ± 400 °C
- Stainless steel heating element with barrel.
- Long life iron-plated tips.
- Support stand.
- Battery clips connect to car battery.

DESCRIPTION	WIDTH	MODEL	DESCRIPTION	WIDTH	MODEL
Screwdriver Tip	0.8 mm	EW-301	Sloped Round Tip	0.8 mm	EW-511
	1.6 mm	EW-303		1.6 mm	EW-513
	2.4 mm	EW-305		2.4 mm	EW-515
	3.2 mm	EW-307		3.2 mm	EW-517
	4.8 mm	EW-103		4.8 mm	EW-519
	5.6 mm	EW-105			
Round Tip	0.8 mm	EW-404 Long	MAGNUM 1003 Hot Air Nozzles		
	0.8 mm	EW-403			SM 100301
	0.3 mm	EW-4796			
	0.4 mm	EW- 402 Long			SM 100302
	0.6 mm	EW-401	MAGNUM 3000 Tip		
	2.4 mm	EW-405			
	3.2 mm	EW-407			
5.2 mm	EW-409				
Long Screwdriver Tip	0.8 mm	EW-302			
	1.2 mm	EW-304			
	2.0 mm	EW-306			
	3.2 mm	EW-308			
	1.6 mm	EW-101			

Pace®	Plato®	D ₁	D ₂
1121-0367	30-030	.030" (0.8)	.055" (1.7)
1121-0342	30-040	.040" (1.0)	.040" (2.2)
	30-050	.050" (1.3)	.050" (2.4)
1121-0368	03-060	.060" (1.5)	.060" (2.9)

Premium Quality for Long Life: Iron plated to resist erosion by solder - stainless steel tube prevents erosion by solder.

The products,
the service and
the know-how
to build powerful
and reliable
workstations.

Beginning-to-end solutions from Magnum.

All Magnum temperature control stations are built with the latest industry-standard technologies - to keep them affordable, easy to setup, and easy to maintain. Precision-engineered to deliver the expandable performance your workload demands. Lower cost, higher utilization, performance on-demand.



MAGNUM 3005 SMD Rework Station

The 3005 temperature-control station is precision engineered to perform on-demand for all your SMD rework and repair. The Hot Air Pencil is designed for effortless removal of the components and the Soldering iron is used for their replacement.

Both the temperature range and percentage of air flow are monitored and adjusted on-demand. The PCU (Portable Configuration Unit), used as a storage device for downloading parameters from a PC onto the Station, locks all the parameters including the energy saving mode. The PCCU (Portable Configuration and Calibration Unit) automatically calibrates the Hot Air Pencil and the Soldering Iron to an accurate certified source.

Performance Features include:

- Microprocessor controlled 3005 station.
- 1005 85W Hot air pencil with air flow button.
- 1002/80W Soldering Iron with soft grip.
- Moulded power cord.
- 1.5MM Round and 3MM flat hot air nozzles.
- Fine soldering iron tip.
- Two cast iron spring stands.
- SMD removal kit.

Technical data:

Mains input: 220v-240v 50/60Hz
 0.6Amps
 Fuse: A f/b
 Output power: 24v 85w + 24v 85w AC
 Air Flow: 1.5 to 6.5 litres/min

Temperature:

Soldering iron: 100° to 450° ±4°C
 Hot air pencil: 180° to 480° ±10°C

Size: L.250mm x W.250mm x H.105mm
 Weight: 4 KGS (8.8LBS)

All MAGNUM Stations come packaged with cleaning equipment, spare tips and handbooks with comprehensive instructions



MAGNUM 3000 Desoldering Station

The 3000 is the economic solution to rework and repair. This maintenance-free, compact, portable and self-contained work station is designed to provide total flexibility during use -- allowing tip temperatures of the desoldering handpiece and soldering iron to be controlled separately. It's the perfect workstation for production, service and development applications.

Its powerful integral vacuum pump ensures precision desoldering, even on multilayer boards. The clear handpiece is easily dismantled for daily maintenance. Despite its portable size the 3000 incorporates essential, practical features:

- Vacuum delay after activation.
- Temperature boost during vacuum.
- Separate switch for continual vacuum or blower operations.
- Temperature control of solder extractor via calibrated dial.
- Temperature control of 1000 SP soldering iron (included) via an electronic controller in the handle.
- Spike suppression and filtering.
- Safe for use on static sensitive components.
- High efficiency vane-type vacuum pump.
- Connection for optional air output
- Twin spring safety holder with cleaning sponge.
- Clog-resistant desoldering handpiece with glass tube to collect solder.
- Fuse protection on input & 24v output.
- Vacuum pump is activated by switch on handpiece.

Technical data:

Weight: 6,1kg (13,45lbs)
 Size: 25cm x 20cm x 10cm
 Protection Input: 3A fuses
 Output: 2 x 3A fuses
 Vacuum: 268 mbar (22"Hg)
 Flow Rate: 1,54m³/hour(0,91CFM)
 Temp. Range: 200°C to 450°C
 Solder Extractor: (392°F to 842°F)
 Soldering Iron: 200°C to 420°C (392°F to 788°F)
 Power In: 220/240v 50/60Hz AC



MAGNUM 3004 Hot Air Station

3004 Station is supplied with 1004 hot air pencil, nozzles, SMD removal kit and spring holder.

Features

- Non-contact soldering and component removal.
- Variable air flow control with self contained pump.
- Stepless temperature selection between 200°C and 450°C.
- 24v 80w heating element.
- Gas input facility for inert soldering.
- Optional vacuum pickup for placing surface mount components.

Technical data

Input: 220/240v 50/60Hz AC (330w)
 Output: 24v 80w AC
 Air Flow: 0-5 Ltr./m
 Temp: 200°C to 450°C
 Size: L.265mm x W.225mm x H.110mm



MAGNUM PSU1 Power Supply Station

Features

- Linear power supply.
- 0-30v Voltage regulated.
- 0-30v Current regulated
- Analog meters for voltage and current.
- Low ripple and low noise.
- Bench type w/handles & adjustable feet.
- Leads with clips.
- Overload and short circuit protected with fuse backup.

Technical data

Input: 220/240v 50/60Hz AC (600w)
 Output: 0-30v 0-3A
 Size: L.290mm x W.255mm x H.110mm
 Weight: 6.5 Kg



Built to work.

LAUREN MANUFACTURING CO. (PTY) LTD
 ONE CAROLINE STREET
 c/r 15TH STREET
 EASTGATE GARDENS
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