

Press release  
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## Wellers new Generation of High Power Tools

The Weller® WD 1000HPT station is specifically designed for your soldering operations which need a combination of high energy and maximum precision.

The WD 1000HPT station features Weller®'s new 120 W High Power Tool, our new **WP 120 soldering iron**. This iron is ideal for soldering on challenging circuit boards with heat sinks and big soldering joints that cause large dissipation in heat transfer. The High Power station WD 1000HPT consists of the microprocessor controlled soldering station WD 1M, of our new high power soldering iron WP 120 and the WDH 10T Stop + Go Iron Safety Rest.



The new **WP 120 High Power Tool** offers twice as much power and efficiency in a small and ergonomic pencil design. Combining a compact, powerful heating element with a replaceable soldering tip the **soldering iron WP 120** guarantees best life cycle cost at dynamic performance. The rapid transfer of heat into the soldering tip is quickly and precisely controlled with sophisticated electronics which allows the WP 120's compact design to cope with big and difficult solder joints even at barely accessible joints. Also ideal for HF shield plates or solar panel manufacturing.

Our well established **microprocessor controlled soldering unit WD 1M** has a number of in built special functions as preset temperatures, individual settings for setback, USB connectivity, which make it ideally suited for use in production, rework and laboratory environments. From now on we equip all WD 1Ms' additionally with new advanced software specially designed for this new WP 120 High Power Tool.

### The WDH 10T Stop + Go Iron Safety Rest

Special tip life saving functions are automatically activated when you place the soldering iron into the WDH 10T safety rest. This is an easy and effective way for you to increase tip life particularly when using lead free solder. By removing the iron from the rest the tip temperature is restored immediately to the set working level.

## Technical Data WD 1000HPT

Dimensions	134 x 108 x 147mm (L x W x H )
Mains voltage supply	230 V / 50/60 Hz
Power	160 W
Safety class	I (power unit), III (soldering iron)
Temperature control	50°C – 450°C (150°F – 850°F)
Temperature accuracy	± 9°C (± 17°F)
Temperature stability	± 5°C (± 9°F)
Soldering tip leakage resistance	< 2 $\square$ (tip-to-ground)
Soldering tip leakage current	< 2 mV (tip-to-ground)

*Weller® is a brand of the American company Cooper Hand Tools with headquarters in the Swabian city of Besigheim, near Stuttgart. Cooper Hand Tools is a division of Cooper Industries, headquartered in Houston, Texas. With 35,000 employees worldwide, Cooper Industries has a yearly revenue of 5 billion US dollars. Almost 40 years ago, the American Cooper Hand Tools bought Weller® and expanded the Besigheim location in order to form its European headquarters. Here, approximately 240 employees produce and sell Weller® soldering devices which are sold throughout the world. Weller® is the worldwide market leader in soldering tools.*

### For more information please contact:

<b>Cooper Tools GmbH</b>	Tel.: +49 7143/580-0
Marketing	Fax: +49 7143/580-108
Carl-Benz-Str. 2	marketing-europe@cooperindustries.com
74354 Besigheim	www.cooperhandtools.com/europe
Germany	www.weller.eu