Metabo Contact

Metabo's 'Contact" feature has thus far been incorporated into selected hammer drills and rotary hammers. Its function is to stop the tool if the inserted drill bit or chisel touches a conductive, grounded material or an electrically live wire. This is particularly helpful when drilling into wal1s or ceilings during renovation work For example, the tool shuts down if contact is made with grounded water lines, grounded heating pipes, oil or gas pipes. It can prevent costly rework and lost time. A light-emitting diode (LED) alerts the operator should he hit a pipe or cable.

This contact feature functions as follows:

1. The drill bit carries a test voltage.
2. If contact is made with a pipe made of grounded, conductive material, for example, or a live electric cable, a current of 0.16 mille-amps flows to earth.
3. The Contact electronics are activated, the tool stops, and the LED glows red.

The Contact function only needs to have operated once to pay for itself by helping prevent serious damage to water pipes, heating pipes, oil pipes, gas pipes, and the like. When the tool is plugged in, the Contact function is automatically activated even if it was switched off the last time the tool was used.

While this basic technology is not new, Metabo's engineers first did its adaptation to power tools.

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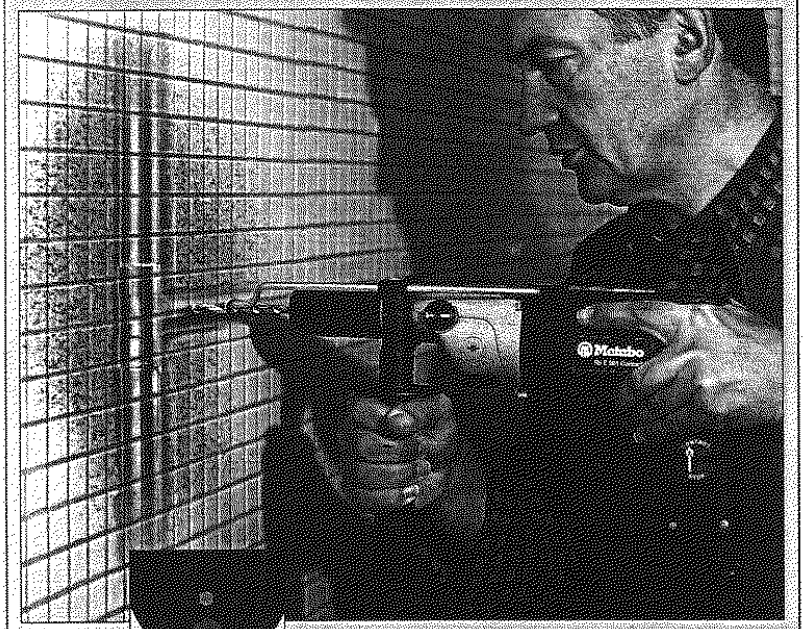
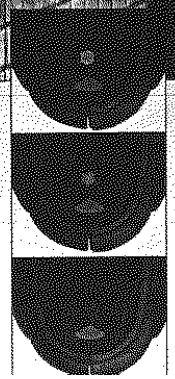
Here's how to eliminate the risk of damaging a water pipe: Use the new Metabo »Contact« drills

● **Metabo »Contact« – the ingenious new development for smart drilling in walls containing pipes: as soon as the tool hits an electrically conductive, earthed material or live mains lead the tool switches off immediately.**

For example, when the tool makes contact with
– water pipes (not plastic ones)
– heating pipes (not plastic ones)
– oil and gas pipes
– electric leads





● **An LED informs the user about the current status:**

Green light = Contact function in operation; everything OK.

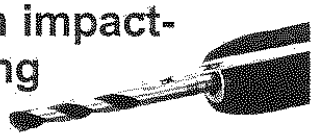
Red light = tool has switched off because there has been contact with a conductive earthed material or a live mains lead

Light off = Contact function is switched off

● **The Contact function can be switched off as required**

e.g. for drilling in steel girders or concrete with steel reinforcement

Metabo »Contact« when impact-drilling



800 Watt 2-Speed Electronic Variable Speed Impact Drill Sb E 801 Contact

800 Watt 2-Speed Electronic Variable Speed Impact Drill Sb E 808 Contact

● **Vario-Sensor-Constamatic (VSC) full-wave electronic speed control**
for continuous variation of speed. Virtually constant speed between no load and rated load.

● **Thumbwheel for preselection of speed**

● **Die-cast aluminium gear housing**
for optimum heat dissipation

● **Reversing feature**

● **Spindle with hex. recess to take screwdriver bits. Screwdriver-bit retaining bush.**
Bit change without using pliers!

● **Metabo S-automatic safety clutch**

Sb E 801 Contact

Order No.	00 809
Specifications	
Capacity in	
– concrete	16 mm
– steel	13 mm/8 mm
– softwood	30 mm/20 mm
No-load speed	0-1100 rpm/ 0-2600 rpm
Rated input	800 watts
Output power	480 watts
Speed at rated load	900 rpm/ 2100 rpm
Impacts per minute max.	52,000
Collar diameter	43 mm
Spindle thread	1/2"-20 UNF
Chuck capacity	1.5-13 mm
Spindle with hex. recess	1/4" (6.35 mm)
Tool weight	2.3 kg

Standard equipment:
Futuro Quick S keyless chuck, side handle, depth stop, screwdriver bit retaining bush and carrying case