

710W Impact Drill

PG710ID



Manufacturer: SUMEC Hardware & Tools Co., Ltd
1# Xinghuo Road, National level Nanjing High-Tech Zone,
Nanjing 210061 P.R. China



Picture A



TECHNICAL DATA

Impact Drill	PG710ID
Mains voltage	230~240 V
Mains frequency	50 HZ
Power input	710 W
No load speed	3000 rpm
Chuck capacity	13 mm
Drilling capacity in	
Steel	13 mm
Wood	25 mm
Concrete	16 mm
Sound pressure level (LpA)	97.1dB(A) K _{pA} =3dB(A)
Power sound level (LwA)	108.1dB(A) K _{wA} =3dB(A)
Vibration	Steel: 10m/s ² K=1.5 m/s ² Diamond: 2.82 m/s ² K=1.5m/s ²
Protecting class	II / 

DESCRIPTION OF SYMBOLS

Please read all of the safety and operating instructions carefully before using this tool. Please pay particular attention to all sections of this User Guide that carry warning symbols and notices.

	Read instruction manual!
	Observe caution and safety notes!
V	Voltage
W	Watts (Effective power)
N ₀	No-load speed.
	Protect electrical power tool from moisture!
	Caution – electric shock! Danger to life!
	Check that the device, mains lead and plug are in good condition!
	Safety class II

	Wear hearing protection, dust protection mask, protective glasses and protective gloves.
	Dispose packaging and appliance in an environmentally -friendly way!

GENERAL OPERATIONAL PRECAUTIONS

WARNING! When using electric tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury, including the following.

Read all these instructions before operating this product and save these instructions.

For safe operations:

1. Keep work area clean. Cluttered areas and benches invite injuries.
2. Consider work area environment. Do not expose power tools to rain. Do not use power tools in damp or wet locations. Keep work area well lit.

Do not use power tools where there is risk to cause fire or explosion.

3. Guard against electric shock. Avoid body contact with earthed or grounded surfaces (e.g. pipes, radiators, ranges,

refrigerators).

4. Keep children and infirm persons away. Do not let visitors touch the tool or extension cord. All visitors should be kept away from work area.

5. Store idle tools. When not in use, tools should be stored in a dry, high or locked up place, out of reach of children and infirm persons.

6. Do not force the tool. It will do the job better and safer at the rate for which it was intended.

7. Use the right tool. Do not force small tools or attachments to do the job of a heavy duty tool. Do not use tools for purposes not intended; for example, do not use circular saw to cut tree limbs or logs.

8. Dress properly. Do not wear loose clothing or jewelry, they can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protecting hair covering to contain long hair.

9. Use eye protection. Also use face or dust mask if the cutting operation is dusty.

10. Do not abuse the cord. Never carry the tool by the cord or yank it to disconnect it from the receptacle. Keep the cord away from heat, oil and sharp edges.

11. Secure work. Use clamps or a vise to hold the work. It is safer than using your hand and it frees both hands to operate tool.

12. Do not overreach. Keep proper footing and balance at all

times.

13.Maintain tools with care. Keep cutting tools sharp and clean for better and safer performance. Follow instructions for lubrication and changing accessories. Inspect tool cords periodically and if damaged, have it repaired by authorized service center. Inspect extension cords periodically and replace, if damaged. Keep handles dry, clean, and free from oil and grease.

14.Disconnect tools. When not in use, before servicing, and when changing accessories such as blades, bits and cutters.

15.Remove adjusting keys and wrenches. Form the habit of checking to see that keys and adjusting wrenches are removed from the tool before turning it on.

16.Avoid unintentional starting. Do not carry a plugged-in tool with a finger on the switch. Ensure switch is off when plugging in.

17.Use outdoor extension leads. When tool is used outdoors, use only extension cords intended for outdoor use.

18.Stay alert. Watch what you are doing. Use common sense. Do not operate tool when you are tired.

19.Check damaged parts. Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of

moving parts, free running of moving parts, breakage of parts, mounting and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated in this handling instructions. Have defective switches replaced by an authorized service center. Do not use the tool if the switch does not turn it on and off.

20.Warning! The use of any accessory or attachment, other than those recommended in this handling instructions, may present a risk of personal injury.

21.Have your tool repaired by a qualified person. This electric tool is in accordance with the relevant safety requirements. Repairs should only be carried out by qualified persons using original spare parts. Otherwise this may result in considerable danger to the user.

PRECAUTIONS ON USING DRILL

- To protect your ears during operation, wear hearing protection.
- Do not touch the bit during or immediately after operation. The bit becomes very hot during operation and could cause serious burns.
- Before starting to demolish, chisel or drill into a wall,

floor or ceiling, thoroughly confirm that such items as electric cables or conduits are not buried inside.

- Always hold the body handle and side handle of the machine firmly. Otherwise the counterforce produced may result in inaccurate and even dangerous operation.

APPLICATION

Intended Use

Your electronic hammer drill has been designed for drilling in wood, metal, plastic, stone and concrete and it also has been designed for screw driving applications.

Check the delivery parts

Carefully remove the machine from its packaging and check as the following parts are complete:

- Impact Drill
- Auxiliary Handle
- Depth Gauge

- 9pcs Drilling Bits
- 6pcs Screwdriver Bits
- 1pc Bit Holder
- Plastic Case
- Operating Instruction

If any parts are missing or damaged, please contact with your dealer.

Product Features

The numbering of the product features refers to the illustration of the machine on the graphics page (Pic.A)

- 1 On/off switch
- 2 Depth stop
- 3 Lock button
- 4 Forward/reverse switch
- 5 Switch hammer drill function
- 6 Chuck key
- 7 Chuck
- 8 Side handle

The accessories illustrated or described are not included as standard delivery.

Operation

Inserting and removing a drill or screw bit (fig. A)

- Open the chuck (7) using key (6).
- Insert the drill or the screw bit in the chuck.
- Fasten the chuck by hand using key (6).
- Fasten the chuck firmly by inserting the chuck key (6) in one of the holes in the side of the chuck and turning it clockwise.
- In order to remove a drill or screw bit, you proceed in reverse order.

Mounting the side grip (fig. A)

- Loosen the side grip (8).
- Slide the side grip (8) over the chuck and onto the machine.
- Turn the side grip (8) into the required position and tighten it firmly.

Mounting the depth stop (fig. A)

The depth stop is used to limit the maximum drilling depth.

- Loosen the side grip (8).
- Insert the depth stop (2) into the hole in the side grip.
- Set the depth stop to the required drilling depth.
- Tighten the side grip firmly.

Selecting the operating mode (fig. A)

Select the required operating mode before use (drilling or hammer drilling).

- For drilling in wood, metal, plastics and soft stone and for driving screws, turn the drill symbol on the switch (5) to the arrow.
- For drilling in masonry, turn the hammer and drill symbol on the switch (5) to the arrow.



Always wait until the motor has come to a complete standstill before changing the operating mode.

Forward/reverse switch (fig. A)

- Push the forward/reverse switch (4) to the left to drill holes and fasten screws.
- Push the forward/reverse switch (4) to the right to loosen screws.



Always wait until the motor has come to a complete standstill before changing the direction of rotation.

Switching on and off (fig. A)

- To switch the machine on, press the on/ off switch (1). The further you press the switch, the higher the speed of the machine.
- To switch off the machine, release the on/off switch (1).
- To switch the machine to continuous mode, keep the on/off switch (1) pressed and at the same time press the lock-on button (3). Subsequently release the on/ off switch.
- To switch off continuous mode, press the on/off switch (1) again.

Cleaning and Maintenance



CAUTION! Ensure the forward/reverse switch 3 in the locked condition before carrying out any tasks on the device, e.g. changing tools or maintenance, or before transporting or storing the device. Inadvertent operation of the forward and reverse switch 3 may result in injury.

The impact drill is maintenance-free.

- 1) Always keep the device clean, dry and free of oil or grease.
- 2) Clean the device immediately after you have finished using it
- 3) Do not allow any liquids to enter the device. Use a cloth to clean the housing.
- 4) Never use petrol, solvents or cleaning agents that might attack plastic.
- 5) Store the tools, instruction manual and where necessary the accessories in the original packaging. That way you will always have all the information and parts ready to hand.

Do not dispose of electrical appliances with your domestic waste!



The packaging comprises exclusively environmentally-friendly material. Dispose of it in your local recycling containers.

Guarantee and Service

This product is guaranteed for 1 year from the original date of purchase, the guarantee applies to material and production defects. This warranty is not valid without the original dated receipt of purchase.

If the product shows defect as a result of material and production defects during the period of guarantee, providing that the product has been used properly and for the purpose which it has been intended, then faulty products will either be replaced or refunded.

The guarantee does not cover accidental damage or misuse.

This product must be used in accordance with the instructions contained in this manual.

The guarantee will be rendered invalid if the product has been damaged by unauthorised repairs or resold.

Accessories are not covered by the guarantee.

If you have any problems or questions concerning the product, please contact our customer helpline on 0844 856 0793.

SUMEC

Declaration of Conformity

We,

SUMEC Hardware & Tools Co.,LTD

**1# Xinghuo Road, National level Nanjing High-Tech
Zone,**

Nanjing 210061 P.R. China

Declare that the product

Impact Drill

Model No. PG710ID

Complies with the essential safety and health requirement
of the following directives:

2006/42/EC

2004/108/EC

2006/95/EC

Standards and technical specification referred to:

EN55014-1:2006

EN55014-2:1997/+A1:2001

EN61000-3-2:2006

EN61000-3-3:1995/+A1:2001/+A2:2005

EN60745-1:2009

EN60745-2-1:2003+A11:2007+A1:2009+A12:2009

Authorized Signatory

Date: 01.01.2010

Signature:

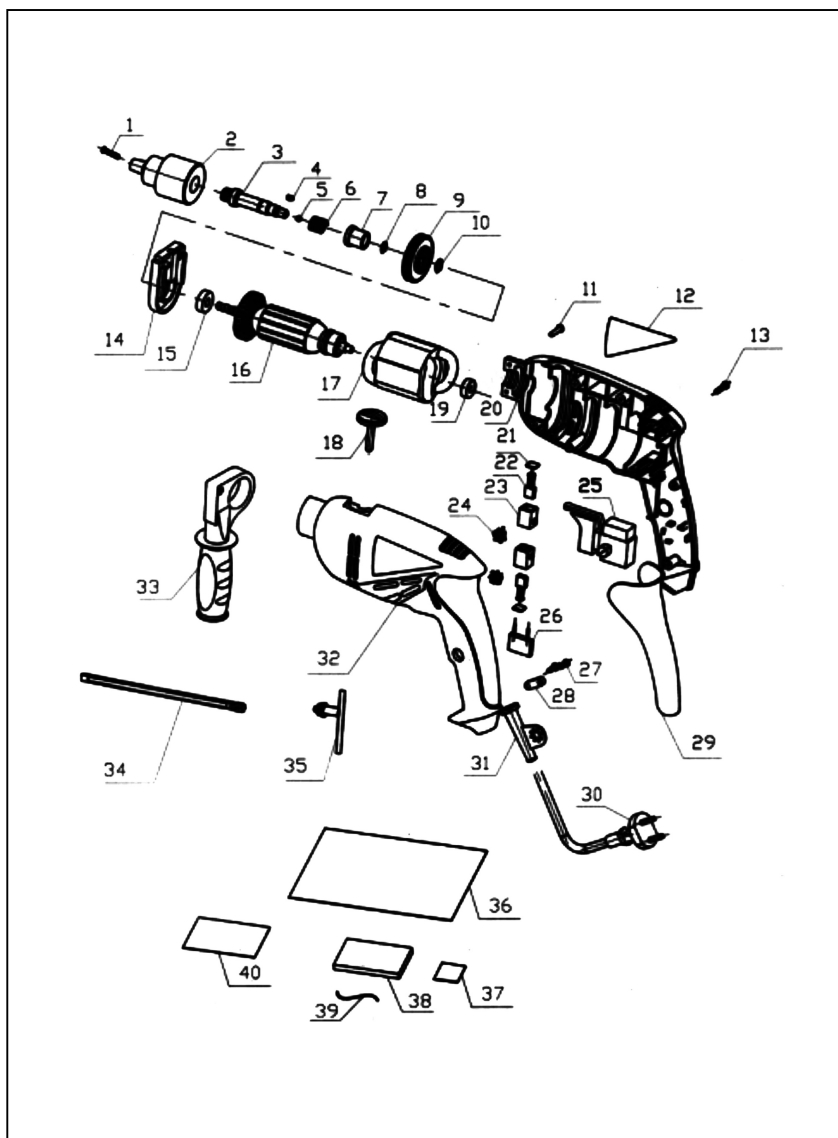
Cai Ji Bo

Name: Cai Jibo

General Manager

SUMEC Hardware & Tools Co.,LTD





no.	Part Name	no.	Part Name
1	Screw	21	Brush Cover
2	Chuck	22	Brush
3	Spindle	23	Brush Holder
4	Semi-cylindrical	24	Inductance
5	Ball	25	On-off Switch
6	Spring	26	Capacitor
7	Sliding Bearing	27	Screw
8	Ring	28	Cable Grip
9	Big Gear	29	Protective Cover
10	Ring	30	Cable Plug
11	Screw	31	Cable Jacket
12	Name Plate	32	Left Housing
13	Screw	33	Handle
14	Holder	34	Adjustable Depth Gauge
15	Bearing	35	Chuck Key
16	Stator	36	Drill Bag
17	Rotor	37	Brush Bag
18	Hammer Action	38	Manual
19	Bearing	39	String
20	Right Housing	40	Bag for manual

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Sumec Europe GmbH
Hanns-Martin-Schleyer-Str.18a
47877 Willich, Germany
Helpline: 0844 856 0793