



Technical Datasheet

Handheld Spark Generator

The Handheld Spark Generator is a device used to create real silver or gold sparks for use on TV, film or stage.

Specifications:

Height: 35cm

Width: 12cm

Depth: 10cm

Weight: 3kg

Shipping size:
48 x 27 x 23cm

Shipping weight: 7kg

Power connector:
Battery powered

Suggested for set up:
1 person

Duration of effect:
5 minutes per flint

Additional requirements:

How to set up and use a HSG

1. Attached a fully charged battery (two batteries and a charger are included in the kit).
2. Make sure the grinding discs are in good condition
3. Ensure the area in which the effect is to be performed is safe and contains no flammable liquids or materials.
4. Safety goggles **must** be worn by the performer and gloves and other protective clothing are highly recommended.
5. Screw in the plastic handle (not pictured).
6. Insert a spring into the metal flint holder (Fig 3).
7. Push a flint into flint holder (Fig 4).
8. Screw the flint holder into the HSG (Fig 5).
9. After a final safety check, switch the HSG on by sliding the black 'on' switch. Sparks will begin to fly out from the unit. The spring inside the flint holder will slowly push the flint against the grinding discs to keep generating sparks continuously.
10. To end the effect, release the 'on' switch.

Hints / tips / safety

- Always ensure a safe environment for performing the effect. No flammable liquids, materials or pyrotechnics within 10mtrs.
- Do not operate unless confident in the use of power tools.
- Protective clothing is recommended and safety goggles are mandatory.
- One flint will last approximately 5 minutes in the HSG.



Fig 1. HSG Kit



Fig 2. HSG



Fig 3. Insert spring into flint holder



Fig 4. Insert flint into flint holder



Fig 5. Screw flint holder into HSG

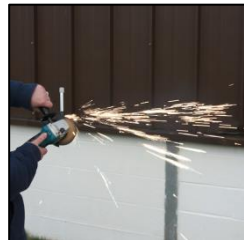


Fig 6. The effect