

THE ORIGINAL AND GENUINE
MAX SIEVERT

Swedish Blow-Lamp TYPE "S"

Manufacture by
MAX SIEVERT • STOCKHOLM
As used by *Painters, Plumbers and Electricians*

AWARDED FIRST PRIZE AT THE MACHINERY EXHIBITION STOCKHOLM 1886 AND GOLDMEDAL AT THE EXHIBITION IN STOCKHOLM 1897

ONLY GENUINE WHEN STAMPED



SIGNIFYING SUPERIORITY OF QUALITY AND FINISH, COMBINED WITH EFFICIENCY AND ABSOLUTE SAFETY.



1/2 actual size.

The unqualified superiority of this Blow-Lamp, as compared with its many imitations, lies in its sound material, its infinitely better workmanship, its finish and the way it is constructed.

Science and technical skill gained by 20 year experience and practical knowledge warrant its success and safety, which is unparalleled.

Every Lamp is twice tested to pressure and twice trial burned. Every part is most carefully examined before being put in and is stamped "Max Sievert" to ensure its soundness.

Twice as durable and time saving, this Lamp is also guaranteed to give the maximum amount of portable heat, at less cost than any other.

It might safely be said, that a more perfect Torch has never been put before the public.

400,000 now in use and the demand is increasing

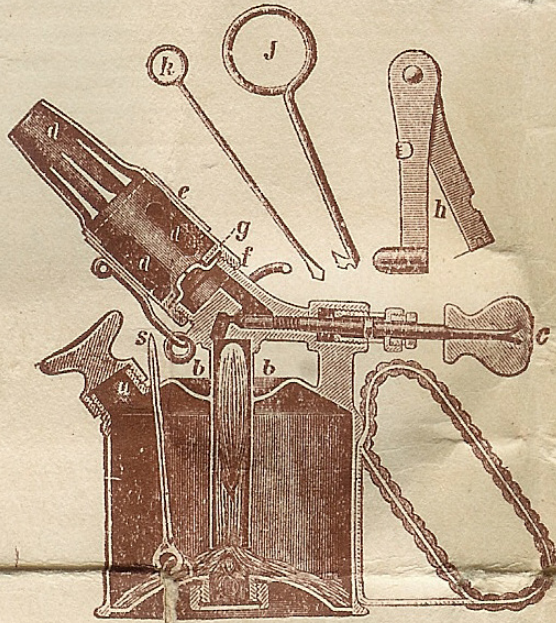
REJECT WORTHLESS IMITATIONS.



INSTRUCTIONS FOR USE



These instructions may also be used for type: "SBP", "HE" & "R".



FILLING. Fill the lamp with Benzoline through the opening (a) and screw on the cap tightly. The filling ought never to be done near a light or a fire.

HEATING THE LAMP. After filling the lamp, pour some Benzoline into the recess (b) and light it. (In exactly the same manner must lamps be lit which have just been used.) Before warming the lamp, be sure that there is Benzoline in the container, to prevent the wick becoming charred.

LIGHTING. After the neck of the lamp has been sufficiently warmed, open the valve (c) a little and

light through the openings of the burner tube the gas which now escapes at the aperture of the mouthpiece. The cylinder (e) must be lowered when lighting and gradually raised on the burner tube getting heated.

REGULATION OF FLAME & ADMISSION OF AIR. The flame can be regulated with the knob of the regulating valve (c) which, if turned once to the left, opens the gas channel completely. The cylinder (e) which is moveable, is there for the purpose of controlling the air draught. If a small flame is to be used the cylinder (e) must be pushed down; if a more powerful flame is required, the cylinder has to be pushed up in proportion.

When working the lamp in windy weather or in a strong draught, the cylinder (e) has at all times to be lowered completely.

If the lamp is temporarily unemployed whilst burning, it is advisable to reduce the flame to a small blue one, sufficient to keep the lamp going.

EXTINCTION is effected by turning the valve (c) slightly to the right when the flame will disappear. The valve is to be closed gently. Should a small flame remain, this is accounted for by some Benzoline having been left behind the mouthpiece and it will soon be consumed.

The lamp can be kept burning until the last drop of Benzoline has been used. The intensity of the flame increases considerably when the lamp has been burning for some time. That the container also becomes hotter is of no importance.

The lamp may be used in any position whatever without danger.

Each lamp is sold with a set of reserve fittings and full directions for use.

TO KEEP THE LAMP IN ORDER. The narrow hole in the mouthpiece (g) (or nipple) must be frequently cleaned by means of the pin (h). (Other pins or needles should not be used for this purpose, as they have a tendency to enlarge the aperture and interfere with the satisfactory burning of the lamp.) To do this, the pin must be carefully passed straight down the aperture. If the lamp, nevertheless, burns badly, there must be some foreign substance in the valve opening and to remove this, the valve (c) should be unscrewed and the opening cleaned by means of the needle (k). Or it may be that some residues or crust has collected behind nipple which must be taken out and cleaned.

For this purpose the tube (d), which holds the nipple at (f), must be unscrewed by means of some suitable tool (chisel etc.), which should be passed through two opposite air-openings. Between the inner part of the tube and the mouthpiece is an asbestos washer which, when renewed, should be dipped into a mixture of water and graphite before being put in. Oil should never be applied to the graphite.

The cap (a) is provided with a cork washer to make it gas-tight and this must always be carefully fastened. If the washer gets worn out, a new one must be fastened to screwcap by means of glue and care should be taken that the smooth side is turned outwards. The packing of spindle (c) as a rule does not want renewing. The valve (c) works easier if tallowed, but if it works too easily, screw the nut-box tighter.

The wick will be charred only if the lamp is heated when empty. Care should therefore be taken that the reservoir contains sufficient Benzoline before lighting. The wick after having been in use from six to twelve months will be found invested with impurities. When necessary remove the wick with the hook (j) through bottom screw of the container and push up reserve wick in its place.

Careless warming of the lamp, such as is too often done by means of open fires or over gas flames, should be avoided. Yet, to prepare for all eventualities in the way of safety, a safety pin (s) has been provided, which at its lower part is fixed to the boil inside the lamp, whereas the upper part, which projects through the container, is only fixed with soft solder. Thus, if the pressure rises above the limit permitted, this safety valve will at once act. In this event the bottom of the container which has come outwards, has to be driven back to its normal position. The pin must be pushed down as far as it goes and then re-soldered with soft solder.



Such Stamps as: "Swedish Lamp", "Schwedische Lampe", "System Sievert", and a variety of "Trade Marks", The purpose of which is to deceive, have nothing whatever to do with the original manufacture.

Every Genuine Max Sievert Apparatus is provided with Stamp here reproduced whereof careful note should be taken. Unless so stamped they are imitations, and should be rejected.

SPARE PARTS

FOR THE

ORIGINAL AND GENUINE MAX SIEVERT

SWEDISH BLOW-LAMPS

TYPE "S", SBP, HE & R

Illustrations copyright.



- | No. | | |
|-----|--|-----|
| 11 | Cylinder (for regulation of the air inlet in the burning tube) ... | -/2 |
| 12 | Burning tube (extra hard) | 2/4 |
| 13 | Wick | -/4 |
| 14 | Bottom screw cap..... | -/4 |
| 15 | Valve screw complete | 1/- |
| 16 | Oil inlet screw cap ... | -/8 |
| 17 | Cork packing (for the oil inlet screw cap)... | -/1 |
| 18 | Asbestos packing (a packet of 2) | -/1 |
| 19 | Mouthpiece | -/4 |
| 20 | Protector and cleansing pin..... | -/3 |
| 21 | Needle (for cleansing the gas channels) ... | -/1 |
| 22 | Hook (for removing and fastening the wick) | -/1 |
| 23 | Cleansing pin only (a packet of 3) | -/2 |

When ordering spare parts the numbers only in price-list should be given.

In repairing it has sometimes happened that MAX SIEVERTS GENUINE LAMPS have been supplied with spare parts of another manufacture, the result being, that they have not afterwards worked satisfactorily. As a protection to the purchaser every spare part (except No. 18) is now stamped "MAX SIEVERT".