ROFIN

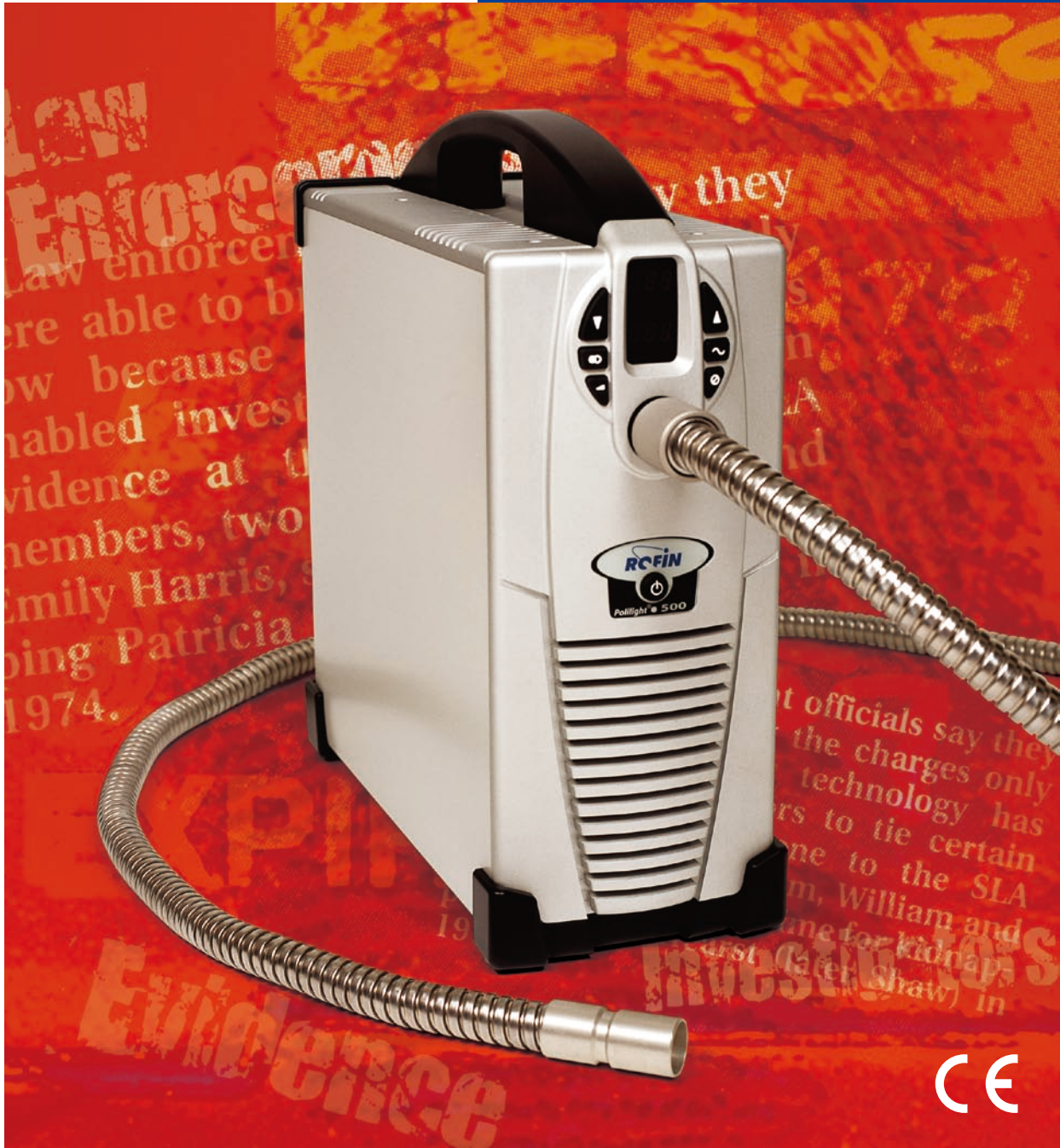# POLI*LIGHT*® *PL500sc*

SCENE OF CRIME FORENSIC LIGHT SOURCE

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HIGHLY PORTABLE FORENSIC LIGHT SOURCE
Designed specifically for scene of crime work

NEW POWER SUPPLY
Lamp life over 2000 hours

5 METER (15 FEET) LIGHT GUIDE OPTION
Greater freedom, longer reach

FRONT PANEL POWER SWITCH
Easier to turn on with smart shutdown

STATE OF ART REMOTE CONTROL
Full control from up to 5 meters with graphical display

STREAMLINED FRONT PANEL
Reduced number of buttons to match remote control

POLILIGHT® PL500sc

The successful Polilight® range of light sources has been extended to address the special needs of scene of crime investigation. The Polilight® PL500sc has been specifically designed to assist the forensic scientist to efficiently carry out their examination. All the quality features of the PL500 are of course included. However the PL500sc enhances performance by incorporating a graphic display remote control, a 5 metre (15 feet) light guide.

GRAPHIC DISPLAY REMOTE CONTROL

The remote control features the new state-of-the-art 128 x 68 element LED graphic display which gives excellent visual display whatever the environment; bright sunlight or dark nights. The housing of the remote can be fixed to the lightguide, or the users belt, and the six buttons allow full control of all functions of the light source, including on / off, filter selection, tuning, power output and shutter control. All functions selected are displayed on the remote while the operator is 5 metres (15 feet) away from the instrument.

EXTENDED LENGTH LIGHT GUIDE

The need to move the light source around a scene of crime is time consuming and inefficient. To overcome this and meet the requests of the operators, the Polilight® PL500sc is supplied with a 5 metre (15 feet light guide). This extended length together with the remote controller allows the operator to move freely around the scene of crime without having to continuously revert to the front panel on the instrument to change wavelengths, tuning, power output, shutter or to move it. This is a big time saver !

POWER SUPPLY

Over the years of experience with xenon lamps, Rofin has endeavoured to optimise lamp life by keeping the lamp as cool as possible, thus increasing lamp life. As lamps get older they become increasingly more difficult to ignite until eventually they will not start at all. Rofin has developed a new smart switch mode power supply, based on the Company's 16 years of producing its own supplies. Lamp life in the PL500sc is rated for a minimum of over 2000 hours.

SIMPLIFIED FRONT PANEL

To streamline the front panel the new PL500sc now has the on / off switch right in the middle of the front panel. All features of the PL500sc are controlled by 6 buttons. These mimic the remote control functionality so that the user always performs the same actions whether using the front panel or the remote control.

The PL500sc is designed with the scene of crime operator in mind. Take a test drive and see the difference.

POLILIGHT® PL500sc FORENSIC LIGHT SOURCE

Input Power:	85-265 VAC 50-60 Hz. Automatic selection
Internal Lamp:	500Watt Xenon Arc Lamp
Light output:	5 meter liquid light guide for UV and Visible 2 meter light guide for IR application IR filter set (>610, >715, >780, >830)
Output Bands:	Blank, White, 350nm, 415nm, 450nm, 470nm, 490nm, 505nm, 530nm, 555nm, 590nm, 620nm, 650nm, IR
Indicators:	Band selection, band tuning and band power setting
Buttons:	One per filter selection, tuning up and tuning down.
Turn Off:	Automatic if left unattended
Control:	Hand held remote (all functions) or front panel
Computer Control:	All functions by Windows based control software
Weight:	Net 9.5Kg (22lbs), packed 13.6Kg
Size Net:	32.5cm x 35 x 15cm (13" x 14" x 5.7")
Standard accessories:	Camera filters, high pass, mounted OG 550, GG 475, OG 515, OG 590 Camera adapter (short) Holder for light guide Stepping rings 52/58, 49/58 for camera adapter. Goggles amber, red, clear, yellow

Agent Information: