

UV LAMPS

S020239 Optimax Junior portable UV inspection lamp

The ultra portable Optimax Jr inspection lamp features state-of-the-art LED technology with a 100,000 hour bulb life.

It is an incredibly sturdy lamp which utilises AA batteries that are simple to source and replace.

The lamp is supplied with UVS-40 fluorescence enhancing glasses.

- Inspection range - 1.8m
- Bulb - LED
- Battery - 3 x AA
- Weight - 260g
- Operating time - 4 hours



S020103 Optimax Pro (3000) portable UV lamp

The Optimax Pro is a high powered UV LED inspection lamp for scanning medium to large AC systems.

It uses super high intensity LED technology which is 10 times brighter than regular LED lights. It is completely cordless and uses a rechargeable battery, which provides over 6 hours operation between charges.

- Inspection range - 6.1m
- Bulb - LED
- Weight - 454g
- Operating time - 6 hours
- Powered by a rechargeable NiMH battery



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S020226 Optimax 365 True-UV portable lamp

The cordless Optimax 365 features a high-output true UV LED technology that causes dyes to fluoresce far more brilliantly than with conventional UV lamps. This heightened contrast makes leaks easier to find, and slashes inspection time. Instant-on start with a single push of the button, enabling lamp to reach full power, eliminating unnecessary downtime waiting for bulbs to warm up.

- Inspection range - 7.6m
- Bulb - LED
- Weight - 454g
- Operating time - 6 hours
- Powered by a rechargeable NiMH battery



TBC OPTI-LUX 365 Inspection Lamp

The OPTI-LUX 365 inspection lamp features a powerful LED light source coupled with a rugged outer shell made of anodised aluminium - ideal for withstanding years of heavy use. Both lightweight and compact, this model is known for reducing user

- Coverage area of 6.3cm diameter x 38cm
- Instant-on operation with lamp reaching full intensity immediately
- Powered by a rechargeable lithium-ion battery
- The OPTI-LUX™ 365 lamp comes with lanyard, belt holster, two rechargeable batteries, two-position smart charging cradle with AC power cord, DC cord set, UV-absorbing spectacles and padded carrying case



fatigue while providing a powerful and uniformed beam of light.

UV LAMP SELECTION CHART

| Item | Part Number | Trade Name | Bulb Type | Intensity | OIL-GLO™ Dyes | | | | | | | | | | WATER-GLO™ Dyes | Maximum inspection range | |
|------|-------------|---------------|----------------|------------|---------------|----|----|----|----|----|----|-----|-----|---|-----------------|--------------------------|-----------------------|
| | | | | | 22 | 30 | 33 | 40 | 44 | 45 | 50 | 801 | 802 | | | | |
| | OPX-500CS | OPTIMAX Jr™ | 450nm blue LED | high | ● | | ● | | | | | | | | | | up to 6 feet (1.8 m) |
| | OPX-3000 | OPTIMAX™ 3000 | 450nm blue LED | super high | ● | | ● | | | | | | | | | | up to 20 feet (6.1 m) |
| | OLX-365 | OPTI-LUX™ 365 | 365nm UV LED | ultra high | ● | ○ | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | up to 25 feet (7.6 m) |
| | OPX-365 | OPTIMAX™ 365 | 365nm UV LED | super high | ● | ○ | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | up to 20 feet (6.1 m) |

DYE INJECTORS & UV DYE

S020226 EZ dye injector set

The EZ-Ject is an efficient dye injector system which comes complete with two cartridges of universal dye. Each one of these cartridges will treat up to 7.6 litres of oil (approx. 11.3kg of refrigerant). The

EZ-Ject cartridge has 13 graduations with each one treating approximately 450ml of oil, making this injector useful for systems of all sizes.

Big-EZ dye injector sets

The Big-EZ injection kit is an efficient dye injector for large capacity refrigeration systems such as chillers, supermarkets, refrigerated warehouses and industrial

refrigeration plants. The Big-EZ is available with either the Big-EZ size 2 cartridge (BEZ-200/E) or the Big-EZ size 4 cartridge (BEZ-400/E).

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|-------------|-------------------------------------|
| Code | Product |
| S020041 | Spectroline Big-EZ 200 Injector Set |
| S020042 | Spectroline Big-EZ 400 Injector Set |



- 1/4" flare hose and check valve
- 2 x EZ-4/E cartridges of Universal (ester) dye
- Labels to affix to the system



- 1/4" flare hose and check valve
- 1 x 120ml Big-EZ cartridge of Universal (ester) dye
- Labels to affix to the system

UV DYE

Fluorescent high-performance UV dyes to find leaks in fluid-based air conditioning and refrigeration systems. They are ideal for use as part of a diagnostic or preventative maintenance program. They work effectively in any enclosed circulatory systems.

Just add a small amount of dye to the system and let it circulate. All leaks will glow brightly when scanned with a leak detection lamp. This allows the engineer to pin point even the smallest of leaks.

These dyes are highly concentrated and contain more active ingredients per dose than competitor's dyes.

EZ-Ject dye cartridge

Treats up to 7.6 litres of oil and approximately 11.3kg of refrigerant
Dosage: 450ml / 1.3kg per graduation

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| Code | Product |
| S020055 | EZ-4/ECS-EZ-Ject Cartridge Ester, single |
| S020058 | EZ-4/E EZ-Ject Cartridges Ester, 6 pack |

Big-EZ dye cartridge

Size 2 treats 38.4 litres of oil (48kg of refrigerant) Dosage: 1.2 litres / 1.5kg per graduation. Size 4 treats 60.8 litres of oil (73.6kg of refrigerant)

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|-------------|---------------------------------------|
| Code | Product |
| S020030 | BEZ-2/ECS BigEZ Cartridge POE, single |
| S020029 | BEZ-2/E BigEZ Cartridge POE, 3 pack |
| S020037 | BEZ-4/ECS BigEZ Cartridge POE, single |
| S020036 | BEZ-4/E - BigEZ Cartridge POE, 3 pack |

AR-GLO dye (bottled)

60ml bottle treats up to 30 litres of oil and 480ml bottle treats up to 244 litres of oil

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|-------------|-------------------------------------|-----------|
| Code | Product | |
| S020017 | AR-GLO 4 Bottled Dyes Mineral Oil | 6 x 60ml |
| S020018 | AR-GLO 4-P Bottled Dyes Mineral Oil | 1 x 480ml |
| S020013 | AR-GLO 4/E Bottled Dyes Ester Oil | 6 x 60ml |
| S020015 | AR-GLO 4/ECS Bottled Dyes Ester Oil | 1 x 60ml |
| S020014 | AR-GLO 4/EP Bottled Dyes Ester Oil | 1 x 480ml |



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NSF Spectroline fluorescent dyes are NSF certified and registered to meet food-grade processing requirements. Spectroline dyes meet HTX-2 and HX-2 standards. WATER-GLO dyes meet category codes G7, GX and HTX-2 standards.

POE/Universal Dyes

- Co-solvent free - Dyes will not impair lubricant properties (lubricity and viscosity), which could lead to excessive wear or damage to system components
- OEM-approved - By major compressor, refrigerant and AC&R equipment manufacturers

UV DYE

Glo-Stick dye capsules



GS-101 treats up to 0.4 litres of oil (approx 1.3kg of refrigerant)
GS-1 treats up to 1.5 litres of oil (approx 2.2kg of refrigerant)
GS-2 treats up to 3.0 litres of oil (approx 4.5kg of refrigerant)
GS-3 treats up to 7.6 litres of oil (approx 11.3kg of refrigerant)

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|------------------------|--|
| Code | Product |
| Universal/Ester | |
| S020075 | GS-1/E Glo-Stick Capsules Ester /Universal (6) |
| S020076 | GS-101/E Glo-Stick Capsules Ester /Universal (6) |
| S020077 | GS-2/E Glo-Stick Capsules Ester /Universal (6) |
| S020078 | GS-3/E Glo-Stick Capsules Ester /Universal (6) |

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|----------------|---------------------------------------|
| Code | Product |
| Mineral | |
| S020079 | GS-1 Glo-Stick Capsules Mineral (6) |
| S020080 | GS-101 Glo-Stick Capsules Mineral (6) |
| S020081 | GS-2 Glo-Stick Capsules Mineral (6) |
| S020082 | GS-3 Glo-Stick Capsules Mineral (6) |

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|----------------------------|--------------------------------------|
| Code | Product |
| Polyalkylene Glycol | |
| S020088 | GS-101/PAG GloStick Capsules PAG (6) |

Water-Glo (water dye)



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|-------------|--|
| Code | Product |
| S020123 | WD-801 - Water Dye (Fluoresces Blue), pint |
| S020122 | WD-801-0500 - Water Dye, 5 gallon |
| S020124 | WD-802 - Water Dye (Fluoresces Green), pint |
| S020245 | WD-803 Water Dye (Fluoresces Blue/Green), pint |

A pint treats 3,785 litres of water

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ACCESSORIES AND REPLACEMENT PARTS

| Code | Product |
|------------------|--|
| BATTERIES | |
| S020238GB | Battery stick for OPX 3000 + 365 |
| S020222 | Battery stick for OPX 1000 |
| CHARGER | |
| S020231 | RB-300/FB-smart charger for OPX 3000 & 365 |
| S020210 | RB-125/FB smart charger for BP-12A/FB |
| BULBS | |
| S020126 | BLE-100/12-0001 - 12V/100W Bulb for TL100 |
| S020142 | BLE-100S Spot Bulb for MB-100 |
| S020125 | BLE-150CS-115/M 115V spot bulb for BIB 110V |
| S020131 | BLE-150CS-230V/M 230Vspot bulb for BIB 240V |
| S020128 | BLE-35/12-12V/35W bulb |
| S020132 | BLE-35RA 35W Bulb/Reflector for Maxima/ML series |
| S020129 | BLE-50/12 12V/50W bulb for BLK-50 |
| S020130 | BLE-50/12B Bulb for TL-50 |
| S020218 | LED assembly for OPX 3000 |
| S020239GB | LED assembly for OPX 365 |



SPARE PARTS

| Code | Product | Code | Product |
|-------------------|---|---------|-------------------------------|
| FILTERS | | | |
| S020136 | Filter replacement for TL-100 | S020045 | BV-100 - Bleed valve |
| S020135 | Filter for Maxima & BIB | S020046 | BV-50 - Bleed valve |
| UV GLASSES | | | |
| S020111 | UVS-30 - Glasses (fluorescence enhancing) | S020008 | EZ-25 Ez-Ject 1/4" flare hose |
| S020112 | UVS-40 - Glasses (UV-absorbing) | S020054 | EZ-50 - Dye injector assembly |
| S020095 | UVG-50 - Goggles (UV-absorbing) | S020028 | BEZ-25 BigEZ 1/4" flare hose |
| OTHERS | | | |
| S020237GB | Switch assembly for OPX 365 | S020031 | BEZ-50 - BigEZ assembly |
| S020241 | Rubber lamp protector OPX 365 | | |

UV STARTER KITS

S020244 **Optimax Junior Complete Starter Kit**



The Spectroline Optimax Junior complete UV leak detection starter kit comes with everything you need to get started at a breakthrough price.

- Kit supplied with:**
- Optimax Jr UV LED lamp
 - 2 x EZ-4/E dye cartridges
 - EZ-Ject injector kit
 - UVS-40 spectacles
 - Carry case
 - UV dye cleaner / remover

S020204 **Optimax Pro Complete Starter Kit**



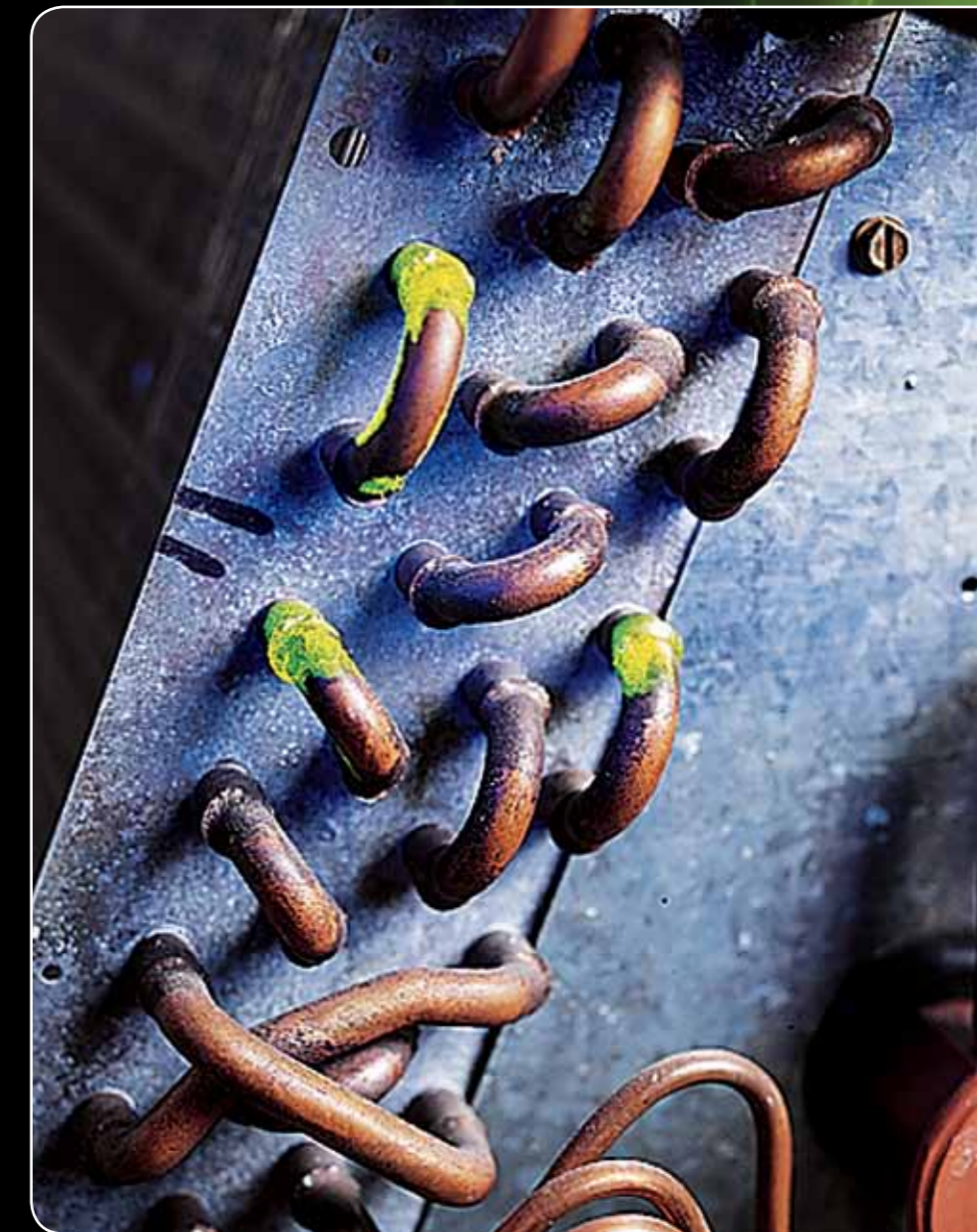
The Spectroline Optimax Pro complete UV leak detection starter kit features the flagship Optimax Pro lamp and comes with everything you need to find refrigerant leaks.

- Kit supplied with:**
- Optimax Pro UV LED lamp
 - 1 x Big-EZ size 2 dye cartridge
 - Big-EZ injector kit
 - UVS-40 spectacles
 - Carry case
 - UV dye cleaner / remover

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LEAK DETECTION



BORN FROM THE SPECTRUM OF LIGHT

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