

## COMPACT UV LEAK LOCATOR KITS

Leading the way in UV LEAK DETECTION, Mastercool offers a variety of compact UV leak locator kits. Each kit offers a powerful inspection lamp, a "Refillable" or "Cartridge Type" Dye Injector and accessories. All kits are packaged in a clamshell or custom molded carrying case.

KIT PART#	INJECTOR / LIGHT	CONTENTS OF EACH KIT	VOLTAGE/WATT
53451-110	53123/ 53518-UV	Rechargeable UV light, batteries, rechargeable batteries, battery holder, refillable 2 oz dye injector, 2 oz concentrated universal A/C fluorescent dye (25 application), 4 oz dye remover, 25 service information labels, UV enhancing safety glasses	LED
53451-C-110	53223/ 53518-UV	Same as 53451-110 but with replaceable 2 oz dye cartridge (25 applications)	LED
53583	53809/ 53513-UV	Mini UV Flashlight (53513-UV), "cartridge type" 1 oz dye injector with replaceable dye cartridge, low side hose, 1/4" FL adapter, UV safety glasses, service info. labels	LED
53587	53809/ 53517-UV	Compact UV flashlight (53517-UV), 1 oz dye injector with replaceable 1 oz dye cartridge (10 application), low side hose, 1/4" FL adapter, UV enhancing safety glasses, service information labels, packaged in a clam shell	LED
53580	53809/ 53515	MACH IV flexible LED UV light with 1 oz (30 ml) dye injector, w/replaceable 1 oz (30 ml) dye cartridge (10 application.), low-side hose with R134a coupler, 1/4" FL adapter, 10 service information labels & UV enhancing safety glasses	LED
53585	53809/ 53515	Same as above, but with 1 oz OIL/ATF/Gas (53610) & diesel fluorescent dye and 1oz (30ml) engine coolant fluorescent dye (53609)	LED
53100	53123/ 53012	High intensity swivel head light, with refillable 2 oz (60 ml) dye injector, 2 oz (60 ml) concentrated universal A/C fluorescent dye (25 application.), 4 oz (1200 ml) dye remover, 25 service information labels & UV enhancing safety glasses	12 V/100 WATT
53100-C	53223/ 53012	Same as 53100, but with replaceable 2 oz (60 ml) dye cartridge (25 application.)	12 V/100 WATT
53500	53123/ 53312	High intensity mini light w/refillable 2 oz (60 ml) dye injector, 2 oz (60 ml) concentrated universal A/C fluorescent dye (25 application.), 4 oz (120 ml) dye remover, 25 service information labels & UV enhancing safety glasses	12 V/50 WATT
53500-C	53223/ 53312	Same as 53500, but with replaceable 2 oz (60 ml) dye cartridge (25 Appl.)	12 V/50 WATT
53351	53809/ 53312	High intensity, 12V/50 watt, mini light (53312, replaceable 1 oz (10 application) dye cartridge (53809), A/C connection hose w/R134a coupler, 1/4" FL adapter, 1 oz OIL/ATF/Gas and diesel fluorescent dye, 1 oz engine coolant dye, 4 oz dye remover, 25 service information labels, UV enhancing safety glasses	12 V/50 WATT

**REFILLABLE UNIVERSAL OIL/DYE INJECTOR**



To inject the oil or dye, simply connect the injector to the low side of the A/C system and twist the handle until you reach the desired amount.

- 53123** Refillable Universal Dye Injector with auto shut-off valve adapter and 2 oz (60 ml) Bottle of Concentrated A/C Dye (25 Applications)
- 53123-A** Refillable Universal Dye/Oil Injector (w/o dye) with auto shut-off valve adapter
- 53134** Refillable Oil/Dye Injector with (R134a 13 mm Connection) and 2 oz (60 ml) Bottle of Concentrated A/C Dye (25 Applications)
- 53322** Refillable Dye Injector with (1/4" Auto Shut-off Valve Connection) and 2 oz (60 ml) Bottle of Concentrated A/C Dye (25 Applications)



**53123-YF REFILLABLE R1234yf OIL/DYE INJECTOR**



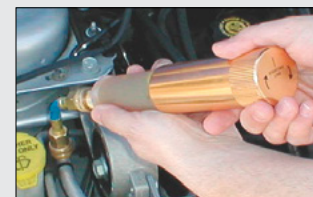
To inject the oil or dye, simply connect the injector to the low side of the A/C system and twist the handle until you reach the desired amount. The injector hose comes complete with a R1234yf coupler.

- Heavy duty, anodized aluminum 2 oz. container with dye scales represented in 1/10 ounce, 1/4 ounce and milliliters
- Nylon barrier blue hose meets J2888, EPA, SAE and UL standards
- R1234yf low side coupler with extended disconnect sleeve and meets SAEJ639 and J2888

**53223 "CARTRIDGE TYPE" UNIVERSAL DYE INJECTOR**



Adding dye with the 53223 is fast and easy, simply connect the injector to the low side of the A/C system and twist the handle to the next application line. The replaceable cartridge provides 25 applications of universal dye that is compatible with all systems. The injector hose comes complete with an auto shut-off valve adapter for 1/4" FL systems.

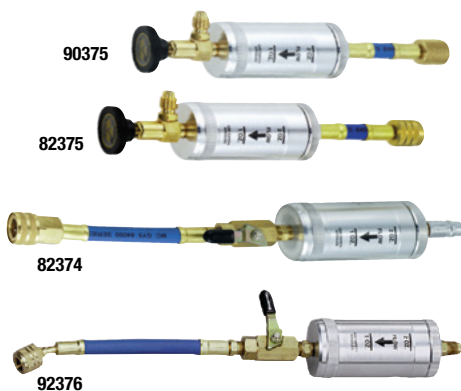


**53809 MINI DYE INJECTOR**



"Cartridge Type" dye injector (10 applications) concentrated dye.

**OIL INJECTOR**



Excellent method for adding refrigerant oil or large amounts of UV leak detection dye to the A/C system. Add oil by allowing vacuum to pull it in after the evacuation process, or use refrigerant to push it in using the recharge system. Rugged all metal 2 oz canister. Available in standard or "easy connect" design. The standard models use a needle style valve attached between the manifold gauge set or charging equipment and A/C hose. The "easy connect" models use a ball valve design attached directly onto the end of the A/C hose. Model 82374 includes a low-side coupler on the outlet hose. Model 92376 includes auto shut-off valve on the outside hose.

**STANDARD**

- 90375** Standard 1/4" FFL x 1/4" MFL
- 82375** ACME 1/2" FFL x 1/2" MFL

**EASY CONNECT**

- 82374** 13mm-M x 13mm-F low side coupler (R134a)
- 92376** 1/4" FFL x 1/4" MFL



**Mastercool®**  
"World Class Quality"