

OPTICAL LOSS TEST INSTRUMENTS ●

Techlite™ / Flashpistol™ Tracer Sources PX-Q4xx Series

FEATURES

- 1550nm OPERATION
- TEMPERATURE STABILIZED OUTPUT
- 2kHz MODULATION
- RUGGED PACKAGING
- SC, FC, OR ST STYLE PORT
- Battery OR AC OPERATION
- QUICK CHARGE FEATURE (Q403,404)



Application and Description

The TECHLITE™ Tracer Sources, when used with Flashpistol™ Optical Leak Detection Probes, allow technicians to perform leak detection and long distance optical tracing. The sources provide the specific tone modulated light output required by the Flashpistol™ leak detector and some fiber identifiers.

The Q403 and Q404 sources feature aluminum bodies with high impact rubber bumpers. When stored in its protective waterproof carry case (included when purchased with Flashpistol™ Leak Detection Probe as a test kit), the set can even be submerged several feet underwater. In addition, the instruction guide is fully laminated to make in weather resistant and virtually tear-proof.

The Q410 source is integrated into a Flashpistol weather resistant carry case.

Modulated output at 2kHz is standard on TECHLITE™ optical sources thereby allowing them to be used as tracer signal generators for use with the Flashpistol and most popular fiber identifiers. These sources do not operate in CW (continuous wave) mode and may not be suitable for use in loss testing applications with some meters.

The Q403 and Q404 tracer sources are powered by either four AA alkaline batteries or an AC wall pack with four AA NiMH cells (both the wall pack and NiMH cells are included). In addition to standard charge mode, the units feature an emergency quick charge mode that allows the user to charge the batteries in approximately 2 hours. The Q410 is powered by six D size NiMH cells or AC power pack.

Specifications

Model	PX-Q403	PX-Q404	PX-Q410
Emitter	LASER	LASER	LASER
Wavelength (nm)	1550	1550	1550
Pout (avg/typ.)	-3dBm	+5dBm	+15dBm
Modulation	2kHz	2kHz	2kHz
Bandwidth (nm)	5	5	5

Operating Temperature	-5C to 45C
Storage Temperature	-10C to 60C
Humidity	10% to 90% non-condensing
Power	US 120VAC 60Hz (included) NiMH 4 "AA" (included Q403, Q404) Alkaline 4 "AA" (Q403,404 only) NiMH 6 "D" (included Q410)
Battery Life	10 hrs.
Trickle Charge	14-16 hours



Q403,404 LASER MODELS



Q410 LASER MODEL