

TRIBRACH-10 with OPTICAL PLUMMENT TRIBRACH-20



TRIBRACH-10 with OPTICAL PLUMMENT



TRIBRACH-20

The TOPCON Tribachs-10/20 are recommended for accurate plumbing of TOPCON total stations, EDM's, theodolites, reflector systems and other accessories, they are compatible with most current type tribrach systems in today market.

The tribrachs come in two styles, either with an optical plummet, model 10, or without an optical plummet, model 20, The unit without the optical plummet can be adapted to the optical plummet system by installing an optical plummet telescope.

ATTACHMENT/DETACHMENT

The tribrachs-10/20 have a circular level of 10'/2mm sensitivity. The units also have a three leveling screw system for quick leveling, a 5/8" X 11 thread for attaching to the tripod and a single lock lever for a fast set up and tear down of instruments.

To attach an instrument to the tribrach, make sure the lock lever of the tribrach is in the open position, arrow up. Next, position the 3 feet of the instrument in the corresponding openings of the tribrach. Lock the instrument into the tribrach by rotating the lock lever 180°, so the arrow point down.



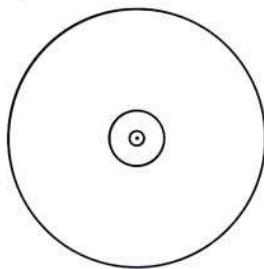
To remove the instrument from the tribrach, first unlock the lock lever, arrow up and then lift instrument from tribrach.

As a precaution, the lock lever can be permanently locked by tightening the set screw of the lock lever while in the locked position (arrow down).

OPTICAL PLUMMET TELESCOPE

The Tribrach-10 incorporates an optical plummet telescope with 2.2X magnification. The image is erect and can be utilized to achieve a quick set up in the field.

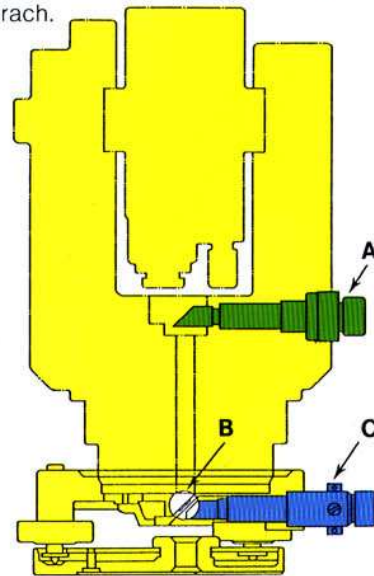
The reticle pattern of the optical plummet telescope is an easy read to circle and dot pattern.



RETICLE PATTERN

SPECIAL OPTICAL SYSTEM

A specially designed optical system (Patent No. U.S. PAT. 4277171) allows for quick and accurate checking and adjustment of the optical line of sight. This is accomplished simply by using the optical plummet in the alidade section of the instrument in conjunction with the optical plummet in the tribrach.



PATENT (U.S. PAT. 4277171)

The Tribrach-10 is designed to check its optical plummet telescope of tribrach(C) and confirm the mark on the ground by using the optical plummet telescope of the transit(A) via the hole(B)

SPECIFICATIONS

TRIBRACH SYSTEM		
Type	Tribrach-10	Tribrach-20
Circular level sensitivity	10'/2mm	10'/2mm
Number of Leveling Screws	3	3
Tripod Screw	5/8"X11 threads	5/8"X11 threads
OPTICAL PLUMMET TELESCOPE		
Magnification	2.2X	—
Image	Erect	—



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