

Dual Shading Disk Kit

rotation of the shading disk into the center of the receiver area of the instruments. Note, that the instrument platform rotates with the primary axis of INTRA.

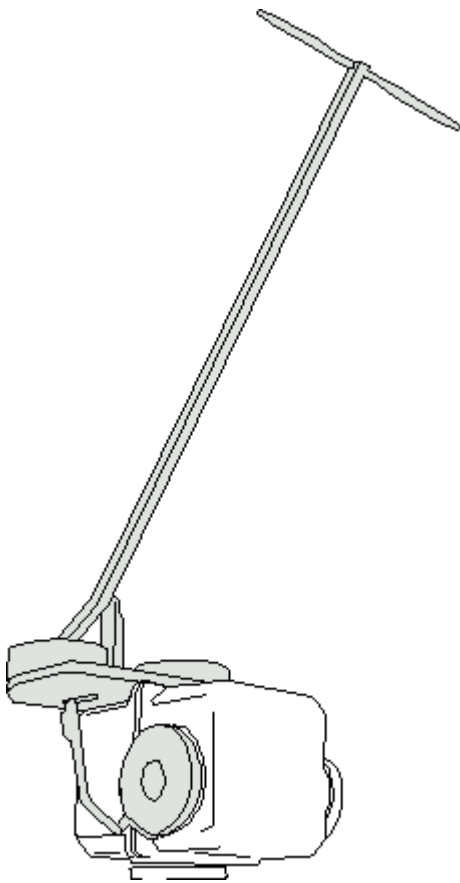
Depending on the instrument you plan to use, you will need a specific combination of instrument interface pieces, arm extension and diameter of the shading disk.

The instrument platform is the same for all types of instrument. It attaches to the top of the case of INTRA.

The instrument interface pieces which go on top of the instrument platform are instrument-specific, which means they are machined to accept the footprint of the specified instruments and have provisions to fasten the instruments, so they can be removed with tools only. Furthermore, these interface pieces will position the instrument at a level to match the requirements of the specified instrument.

The kit includes all parts that are needed to enhance the INTRA base-unit for the simultaneous operation of two shaded pyranometer or pyrgeometer. The parts are:

- 1 axis extensions
- 1 flanges type 1
- 1 instrument platform (various models available)
- 1 shading disk mechanism
- 1 arm extension (available at various lengths)
- 1 dual shading disk (available at various diameters), front side painted white, rear side painted black.



Configurations

The shading disk mechanism is adjustable (Range is 110 to 190 mm above instrument plate). This allows to bring the (virtual) point of

Ordering Information

Kit ordering number: TK02-aaa-i1/i2-dd where

aaa is for the distance "centre of receiver to shading disk" [cm] 65, 70 or 100 cm

i1/i2 is for the type of instruments – see below

dd is for the diameter of the shading disk [mm]: 63, 90 or 100 mm

Standard Configurations

TK02-100-KZ/KZ-90 CM-family of pyranometers of Kipp & Zonen	TK02-70-EO/EO-63 Eppley PSP or PIR	TK02-70-EK/EK-63 EKO SPB-801	TK02-100-ST/ST-100 SS-25 of Swissteco
TK02-100-KZV/KZV-90 as above + CV1	TK02-70-EOV/EOV-63 as above+ ventilator VEN	TK02-70-EKV/EKV-63 as above with tbd ventilator	TK02-100-STV/STV-100 SS-25 VH Swissteco

special configurations - also for other type of instruments - on request.

Note:

For some of these instruments – or combinations of instruments – you will also need special mechanical interfaces the bring all receiver surfaces up to the same level. Please ask.