

Options and Accessories



Probe Cables

All Probes are provided with a standard cable that is typically 5-6 feet long. Longer cables, up to 30 feet in length, are available to increase the working range of the Probe. For Probes with integral cables (RjP-700 and RkP-500 Series) extension cables of 10, 20, and 30 feet are available. These extension cables connect directly to the Probe cable and the instrument. For Probes with modular cables (RjP-600 and 400 Series) longer replacement cables are available. These cables connect the Probe to the instrument. All cables are fully shielded; using them will not effect the Probe's calibration.



Optics Mounts

Most Probes allow for mounting an optical component directly in the beam path. This is accomplished by either incorporating the optical mount directly in the probe body (RkP-500 Series), or by using a separate assembly that screws directly on the front of the probe (RjP-600, RjP-700, 400 Series). The optical holders generally accept 1" (25 mm) diameter optical components; some other size components can also be accommodated.



Opto-Mechanical Components

Opto-mechanical components such as precision apertures, pinholes, and light baffles are available. The apertures are useful for normalizing the flux incident on different detectors, or for making irradiance and fluence measurements. Pinholes can be used to sample various parts of a beam to build a spatial intensity profile. External light baffles shield the probe from background light, thereby improving measurement accuracy, particularly with collimated beams.



Optical Components

A variety of optical components - filters, attenuators, beamsplitters, windows, etc. - can be used with the Probes. Many of the more common components are stocked; others can be obtained on a special-order basis. The Laser Probe Sales Dept. can provide assistance in specifying and providing most optical components - call to discuss your particular application.

Available filter types include photopic response, UV and IR cut filters, laser line filters, and bandpass filters. Neutral density glass attenuators can be used individually, or combined to form a wide range of O.D. values. Screen (reflective) and thin-film attenuators are available as well. Beamsplitters in a wide range of split ratios can be used for sampling the main beam. Various window materials with transmission ranges covering the UV to IR are offered.



Probe Support Stand

The kTA-141 probe support stand consists of a rod and post, along with a removable base. The 4" rod has threaded $\frac{1}{4}$ -20 holes on both ends, and can be used with the post or screwed directly to an optics table. When used together the rod and post have an adjustable height of approximately 4.5"-7.5". The post has a $\frac{1}{4}$ -20 hole on the bottom for direct connection to an optics bench, or it can be attached to the baseplate with the supplied hex nut. The baseplate is slotted for securing it to an optics bench.

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<u>MODEL</u>	<u>DESCRIPTION</u>	<u>COMPATIBLE WITH</u>
RmC-410	10' probe replacement cable	400 Series
RmC-415	15' probe replacement cable	400 Series
RjC-610	10' probe replacement cable	RjP-600 Series
RjC-620	20' probe replacement cable	RjP-600 Series
RjC-630	30' probe replacement cable	RjP-600 Series
RjC-710	10' probe extension cable	RjP-700 Series
RjC-720	20' probe extension cable	RjP-700 Series
RjC-730	30' probe extension cable	RjP-700 Series
RkC-5107	10' probe extension cable	RkP-500 Series
RkC-5207	20' probe extension cable	RkP-500 Series
RkC-5307	30' probe extension cable	RkP-500 Series
RfH-4R1	1" (25 mm) round optics mount	400 Series
RfH-6R1	1" (25 mm) round optics mount	RjP-600 Series
RfH-6S1	1" square optics mount	RjP-600 Series
RfH-6S2	2" square optics mount	RjP-600 Series
RkR-700	0.5" round optics mount	RjP-735 & RjP-765a
RkR-370	0.75" round optics mount	RkP-500 Series
RmB-400	Optical Baffle	400 Series
RmA-401	1.0 cm ² precision aperture	400 Series
RkA-365	3 O.D. attenuator, neutral density	400 Series
RkA-310	1 O.D. attenuator, reflective	RjP-735 & RjP-765a
RkA-311	1 O.D. attenuator, neutral density, 1.064 μ m	RjP-735 & RjP-765a
RkA-312	2 O.D. attenuator, neutral density, 1.064 μ m	RjP-735 & RjP-765a
RkA-352	2 O.D. attenuator, neutral density, 0.532 μ m	RjP-735 & RjP-765a
RkA-470	1 O.D. attenuator, reflective	RkP-500 Series
RkW-701	Window, Suprasil, visible to near-IR	RjP-735 & RjP-765a
RkW-703	Window, KRS-5, near-IR to far-IR	RjP-735 & RjP-765a
RkW-371	Window, Suprasil, visible to near-IR	RkP-500 Series
RkW-373	Window, KRS-5, near-IR to far-IR	RkP-500 Series