

5.3. Laser Beam Visualizers



UVIRV and IRV Visualizers.

UVIRV model of Visualizer is intended for visualization of IR and UV coherent and incoherent radiation both from laser and other type-light sources. Visualizer requires no electrical power supply. It is an ecologically-safe ceramic tablet made of rare-earth element compounds. Visualizer provides luminescent conversion of the invisible IR and UV light to the red one, the dependence of the luminescent emission intensity on the visualized light intensity being nonlinear. IRV model of Visualizer is designed for conversion near IR radiation of pulsed and CW lasers in visible green light. The material of visualizer is special ceramic with anti-stokes luminophores. IRV tunable Q-switch laser visualizer is designed for conversion near IR radiation of pulsed lasers in visible radiation of second harmonic. The material of visualizer is organic polycrystals. Visualizer working surface diameter is 35 mm.

Spectral Ranges:
IRV: for 880-1070nm
UVIRV for 190-1600nm

Code	Name	Model	CA (mm)	Holder	Price (3-4pcs)	Price (5-10pcs)	Price (11-20pcs)	Price (21-50pcs)	Price (>50pcs)	Currency
VZ1	Beam Visualizer	IRV	10	Yes	16,200	14,700	12,900	12,300	9,900	JPY
VZ2	Beam Visualizer	IRV	25	Yes	18,600	16,800	15,000	14,100	11,400	JPY
VZ3	Beam Visualizer	IRV	35	Yes	20,400	18,300	16,200	15,300	12,600	JPY
VZ4	Beam Visualizer	UVIRV	10	Yes	19,200	17,400	15,300	14,400	12,000	JPY
VZ5	Beam Visualizer	UVIRV	25	Yes	23,400	21,000	18,600	17,700	14,400	JPY
VZ6	Beam Visualizer	UVIRV	35	Yes	25,800	23,100	20,700	19,500	15,900	JPY