

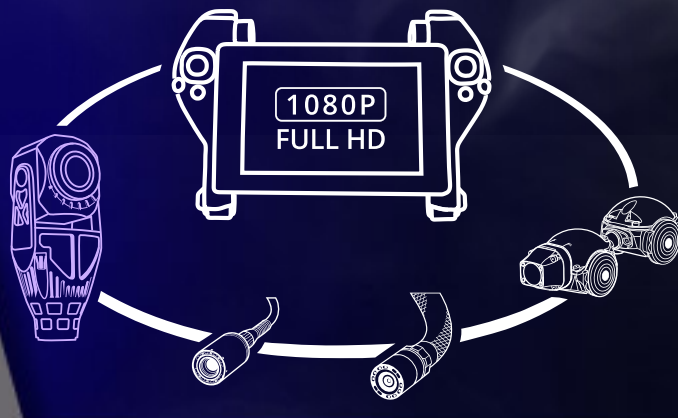
inVIZx98UV365



THE MOST PRECISE UV INSPECTION FOR PURITY CONTROL
AND MT/PT MATERIAL TESTING

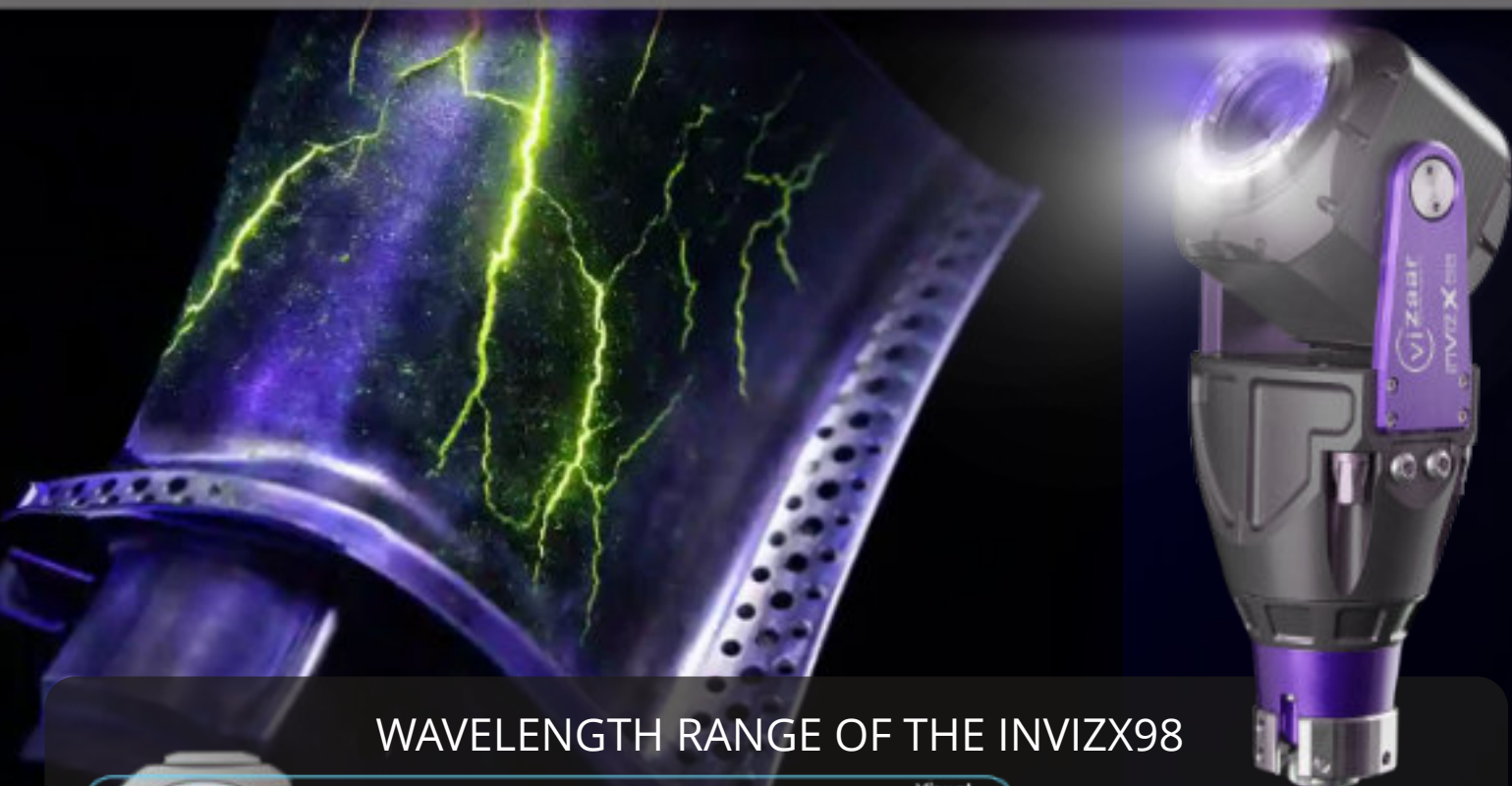
The INVIZx98 UV365 extends the proven Full-HD remote visual inspection (RVI) camera INVIZx98 with a high-performance UV illumination system at exactly 365 nanometers. This makes fluorescent residues and contamination (oils, dairy products, etc.) visible that would remain undetected during conventional visual inspection.

The INVIZx98 UV365 enables you to assess cleaning processes in a transparent, documented way and to locate residues precisely. Suspicions become visible findings – giving you greater confidence in cleaning, release and maintenance of your assets.

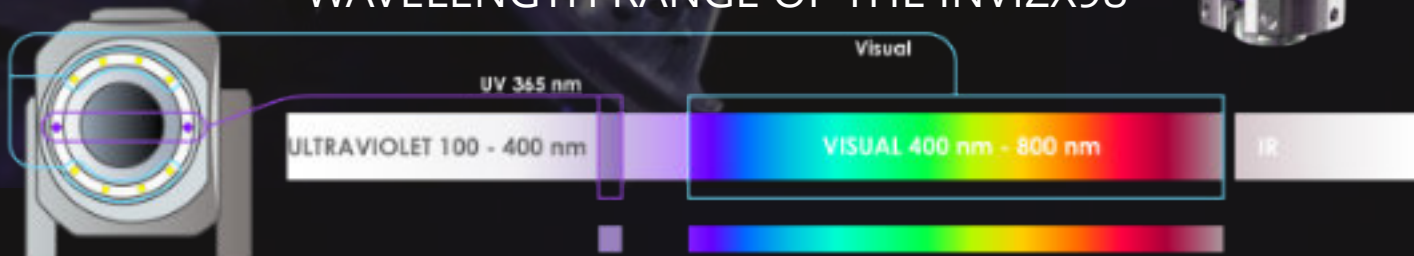


Your Benefits

- Regulation-compliant 365 nm UV lighting with no deviations
- Independently adjustable white and UV light
- Excellent contrast enhancement of fluorescent residues
- Support for cleanliness and contamination inspections



WAVELENGTH RANGE OF THE INVIZX98



PERFECTION FOR VESSEL INSPECTION AND CLEANLINESS CONTROL

Ideal for Tanks and Vessels in Demanding Industries

The INVIZx98 is already optimized for inspecting large cavities such as tanks and vessels. The UV365 variant adds a dedicated 365 nm UV illumination, making it especially suitable for riboflavin-based cleanliness tests and oil-free verification. This makes the INVIZx98 UV365 the ideal vessel inspection camera for the food, pharmaceutical and chemical industries.

How the Test Process Works

During cleanliness testing, the interior of the vessel is coated with a fluorescent contrast agent (e.g. riboflavin). The standard-compliant 365 nm UV emitter of the INVIZx98 UV365 then reveals contaminated areas inside the vessel. Since most technical oils are also fluorescent, even the finest residues can be reliably detected. The vessel is cleaned repeatedly until the INVIZx98 UV365 no longer detects any residues.



Optional UV-Module



CAMERAHEAD	INVIZx98 AI UV365
Type	1/3" Sony CMOS Sensor
Resolution	1920 (H) x 1080 (V)
Zoom	10 x optischer Zoom
Focus range	10 mm
Light sensitivity	Color 0,125 lx
Shutter speed	1/30 (25) bis 1/30,000 sec
Camera temperature display	Ja
Cable length	3 m, 30 m, 50 m und optional bis zu 80 m aufgewickelt auf der viZaar® Kabeltrommel VUreel
Field of view	68° - 6,8°
Image enhancement	Wide Dynamic & erweiterte Rauschreduzierung
ILLUMINATION	
Light sources	2 x 1000 Lumen Dual-Weitwinkel-LED UV 365 nm 1000 µW / cm² bei 28 cm gemäß DIN ISO 3059
OPERATING ENVIRONMENT	
Temperature range	-25°C bis +48°C
Pressure resistance	4,5 bar
Internal housing pre-pressure	Max. 2 bar
PAN AND TILT RANGE	
Pan	360° unendliche Rotation
Tilt	330° -165° bis +165°
Axis speed	Volle 360° Rotation in unter 4 Sekunden
DIMENSIONS AND WEIGHT	
Weight	1400 Gramm
Dimensions (W x H)	Breite: 97,8 mm Höhe: 135 mm
Accessory mounting	M6 mounting points
Housing material	Combination of red anodized and hard-anodized aluminum

