

# REMOTE VISUAL INSPECTION (RVI) DACON MICRO CAMERA 35 MM/50 METER



FOR ALL YOUR INSPECTION NEEDS



This RVI tool is a 35 mm diameter high resolution camera head attached to a 50 meter long flexible rod, capable of entering nozzles, pipes and passages with diameter from 35 mm upwards. Its extended length of 50 meter allows the camera to be pushed into an object to view in clear detail the internal condition of virtually any object. The camera looks forward but can be manipulated to some extent to gain some angle while internally in an object. The rod itself is flexible and can be pushed past some 2 to 3 bends or obstructions. The camera comes with an LED light ring to illuminate the areas immediately in front of the camera.



RVI is normally used to be able to "see" through a camera what an object, such as tube, pipe, vessel, gear, or tank looks like on the inside. The inspection may be to verify cleanliness inside, to look for damages like wear, cracks, metal dust, etc, or to retrieve items lost inside a system (such as tools dropping into pipes/vessels). All internal inspection can be recorded either on digital medium or on traditional video and pictures will be taken of any particular observations, so to fully document any found condition.



The tool is normally operated by 1 or 2 RVI operators, depending how much documentation is required and how difficult the inspection itself is. All results are instant and the client often chooses to watch the live image on a monitor together with the RVI inspectors, so that immediate action can be taken on any problems found.

This equipment is commonly used for internal inspection of pipes, vessels, drums, tanks, etc. with limited access opening, where accurate documentation of internal condition is required.

## Equipment Specification:

Insp. Type	Video probe	No. of Inspectors	1 or 2
Probe Length	50 meter	Inspector Certification	RVI Lev. 2 or 1
Probe Diameter	35 mm	Water proof	Yes
Electrical requirement	AC 220-240 V /50-60 Hz	Explosion Proof	No

