

### TVG PRO Series Industrial Videoscope

The Titan Tool Supply, Inc. TVG PRO Series Videoscope is a high quality, cost effective tool for all your Remote Visual Inspection needs.

The new innovative modular system allows you to have changable insertion tubes for different diameters and lengths. These scopes allow the use of different diameter & lengths with full 360 degree articulation with only one video control handle.

There are 5 different models with 3 diameter sizes and 3 lengths available. Diameters available are 2.8mm, 4mm and 6mm, with lengths from 1m, 2m or 3m.

Ideal for aviation maintenance, casting inspection, cavity inspection, diesel engine repair, gasoline engine repair, locomotive maintenance, ship maintenance or any where you need remote visual inspection.

#### TVG PRO Videscope Technical Parameters

LCD MONITOR	5 INCH
RESOLUTION	800 x 480
CONTRAST	500:1
BRIGHTNESS	300 CD/m <sup>2</sup>
VIDEO FRAME RATE	30fps
STEERING CONTROL	180° or 360° Joystick Control by diameter
INERCHANGEABLE CABLE DESIGNED	Easy & Interchangeable from the back controler
VIDEO OUTPUT	AV
USB PORT	Mini B USB port
LIGHT SOURCE	60,000 Lux High Intensive LED's
LED's LIFE	100,000 hours
BRIGHTNESS CONTROL	Manual 5 levels
WHITE BALANCE/AGC/EXPOSURE	Automatic
VIDEO OUTPUT	Manual, NTSC/PAL
MEMORY	8 GB Memory Card
OPERATING SYSTEM	Multitasking OS, menu driven
PHOTO CONTROL	Real time 3X digital zoom, stored images
PHOTO FORMAT	JPEG 640X480
SOFTWARE UPDATE	Via USB Memroy Card
LANGUAGE	English
AC POWER SUPPLY INPUT	AC 100-240V 50/60 Hz. 0.35A
AC POWER SUPPLY OUTPUT	5V 2A
Li-Ion BATTERY	3.7V/6000 MAH
CHARGING HOURS	4 hours
BATTERY OPERATING HOURS	5 hours
PROBE DURABLE TEMPERATURE	-10° to 50° C (14° to 122° F)
CONTROL DURABLE TEMPERATURE	-10° to 50° C (14° to 122° F)
STORAGE TEMPERATURE	-10° to 50° C (14° to 122° F)



Control Unit with Li-Ion Battery

HDPE Storage and Carry case with precision cut insert for safe storage.



Interchangeable Cables with ease of use and allows different diameter and lengths to be used with one Video unit



**Interchangeable Video Probes! Allow's the user to have different diameters and lengths for a more cost effective inspection solution.**

Applications for use:



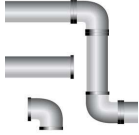
**Aviation  
Maintenance &  
Repair**



**Gas & Diesel  
Engine Maintenance  
& Repair**



**Machinery  
Manufacturing &  
Maintenance**



**Pipeline and  
Container  
Manufacturing**



**Casting & Parts  
Processing &  
Manufacturing**



**Power Generation  
Manufacturing &  
Maintenance**




## Specifications


Model	TVG PRO2800	TVG PRO4200	TVG PRO4300	TVG PRO6200	TVG PRO6300
Pixel	400,000	400,000	400,000	400,000	400,000
Insertion Tube Dia.	2.8mm (0.110")	4mm (0.157")	4mm (0.157")	6mm (0.236")	6mm (0.236")
Tube Length	1 meter (40")	2 meter (78")	3 meter (118")	2 meter (78")	3 meter (118")
F.O.V.	80°	80°	80°	90°	90°
D.O.V.	10-80mm	10-80mm	10-80mm	15mm to infinity	15mm to infinity
Material	Tungsten Braid	Tungsten Braid	Tungsten Braid	Tungsten Braid	Tungsten Braid
Articulation	2-Way	4-Way	4-Way	4-Way	4-Way
Ingress Protection	IP64	IP64	IP64	IP64	IP64
Spare Probes	TVGP SP2800	TVGP SP4200	TVGP SP4300	TVGP SP6200	TVGP SP6300
Monitor Unit	TVG PRO MU	TVG PRO MU	TVG PRO MU	TVG PRO MU	TVG PRO MU
Spare Battery	TVG PRO-LIB	TVG PRO-LIB	TVG PRO-LIB	TVG PRO-LIB	TVG PRO-LIB

**5** SEC  
Quickly change cable  
in 5 seconds


Patented technology of quick  
replacing cable from back side  
in 5 seconds



①



②



③

The TVG Pro series videoscope's new interchange cable design. One monitor can be matched to the 2.8mm, 4mm or 6mm cable for quick change within 5 seconds.

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