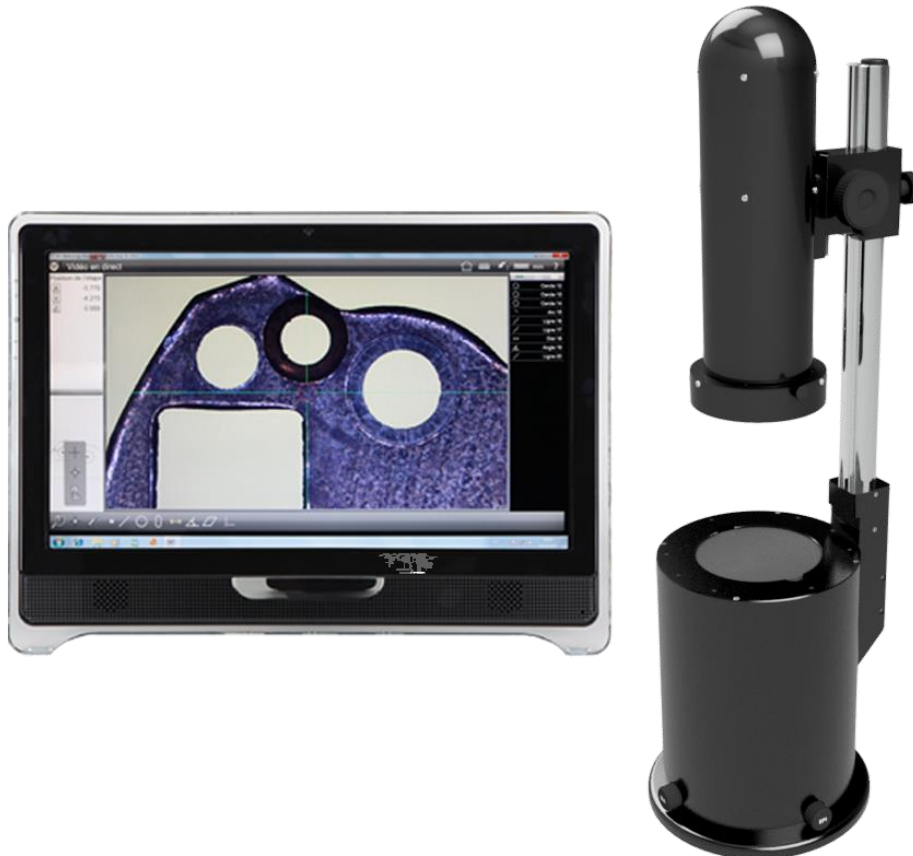




# TitanVIEW

Video control device

MA 152-244





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This telecentric video measuring device allows you to quickly measure parts in the visual field. Its telecentricity in the optics and backlighting generates an image with particularly sharp edges, even for a cylinder seen from the side. With its 230mm diameter base, this machine is one of the most compact on the market. The platform allows the implementation of many fittings.

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- Aluminum base.
- Manual Z column.
- Fixed optics or zoom-optics with 4 indexes.
- 4.9 Mpx USB 3.0 color camera.
- LED circular illuminator.
- 24" monitor with integrated computer "All-In-One".
- Measuring and comparison software.

## Technical specifications

	 <b>TitanVIEW</b> fixed optics 1, 2, 3 or 4	 <b>TitanVIEW Z4</b> zoom-optics 5 or 6
Clearance range Z column [mm]	240	
Weight (kg)	15	
Dimensions column lowered (W x D x H) [mm]	230 x 287 x 720	

### Fixed optics choices 1, 2, 3 or 4

Optics	1	2	3	4
Magnifications *	10X	20X	40X	70X
Fields of view [mm]	49.3 x 37	23.1 x 17.4	10.6 x 8.0	5.6 x 4.2
Pixel resolution [ $\mu\text{m}$ ] **	19.3	9.0	4.2	2.2
Field depths [mm]	51	11	2	0.9
Focal length [mm]	147.3	103.5	41.3	59.3

### Zoom-optics choice 5



Optics	8X zoom / 4 indexes / motorized			
Magnifications *	10X	20X	35X	75X
Fields of view [mm]	45.1 x 33.8	22.5 x 16.9	11.3 x 8.4	5.6 x 4.2
Pixel resolution [ $\mu\text{m}$ ] **	17.6	8.8	4.4	2.2
Field depths [mm]	45	11	2.8	0.7
Focal length [mm]	157.8			

### Zoom-optics choice 6

Optics	8X zoom / 4 indexes / motorized			
Magnifications *	20X	35X	75X	150X
Fields of view [mm]	22.5 x 16.9	11.3 x 8.4	5.6 x 4.2	2.8 x 2.1
Pixel resolution [ $\mu\text{m}$ ] **	8.8	4.4	2.2	1.1
Field depths [mm]	11	2.8	0.7	0.2
Focal length [mm]	74			

\* = Indicated magnifications are calculated on 24" monitor and may be reduced by up to 12% according to the software configuration.

\*\* = Camera pixel size / (sensor size / field of view)

Software		
Functions	M3E FOV 	VideoRET 
Displaying a reticle / cross	✓	✓
Saving an image	✓	✓
Saving measurements	✓	-
Measuring / displaying angles	✓	✓
Distance measurement	✓	✓
Importing and comparing DXF drawings	✓	✓
Diameter and radius measurement	✓	✓
Measurement protocol	✓	-
Automatic measurement by image processing	✓	-
Incident illuminator's sectors control	✓	-

## Options

	<b>Concentricity measuring tool</b> MA 152-244-81		<b>50x50 table</b> MA 152-244-82
	<b>Concentricity control</b> MA 152-244-83		<b>Manual divider</b> MA 152-244-84
	<b>Motorized concentricity control</b> MA 152-244-88		<b>T-slide</b> MA 153-043-03
	<b>Crocodile-pliers on round support</b> MA 143-010-01		<b>Sliding tray</b> MA 690-027
	<b>Clamp with parallel jaws on round support</b> MA 143-010-02		<b>Telecentric optics 1 (10X)</b> MA 152-244-34
	<b>Collet holder on round support</b> MA 143-010-03		<b>Telecentric optics 2 (20X)</b> MA 152-244-33
	<b>V-block with spring clip on round support</b> MA 143-010-04		<b>Telecentric optics 3 (40X)</b> MA 152-244-32
	<b>Vice (capacity 15mm)</b> MA 143b-004		<b>Telecentric optics 4 (70X)</b> MA 152-244-31
	<b>Adjustable vice (capacity 15mm)</b> MA 143b-005		