

What is Titan?

Titan is a unique off-line dimensional measurement system with very high accuracy to determine the exact outside dimensions of:



Titan Measurements*

Dimension	Accuracy	
	ISO	TITAN
Body diameter	40 µm	<6 µm
Lip diameter	40 µm	<10 µm
Lip eccentricity	120 µm	<20 µm
Lip height	40 µm	<8 µm
Lip angle bottom	1.00°	<0.20°
Lip angle top	0.40°	<0.08°
Vial height	100 µm	<20 µm
Top height	100 µm	<20 µm

* The table shows the most common measured parts of a vial. Measurements can be customized: up to 40 measurements can be specified based on customer requirements.

Titan can be used for:

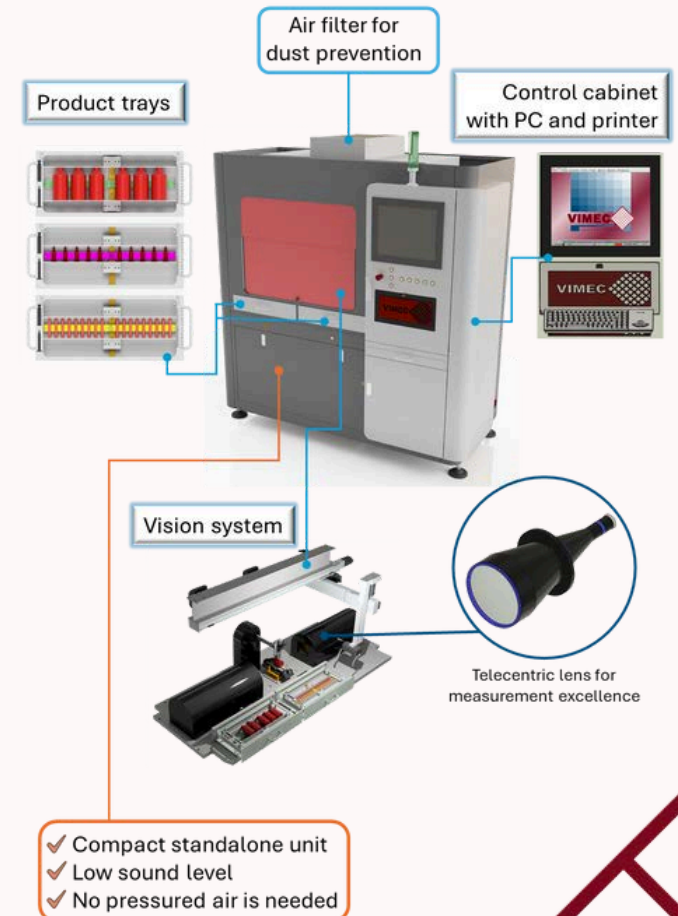
- 1 Statistical Process Control (SPC)**
 Periodically measuring multiple samples from any production line to perform statistical analysis of production or incoming goods
- 2 Sample measurement**
 Performing high accuracy measurements for any sample to be used for calibration or validation of in-line inspection systems

Key Titan advantages

- Fully automated product measuring**
» *Elimination of human errors*
- Automatic product change-over**
» *Reduction of personnel load*
- Efficient sampling**
» *Up to 16 products simultaneously in a machine*



Titan Design



Vimec Solutions



About Us



Syringes



Cartridges



Vials



Ampoules

	TYPE OF INSPECTION	TYPE OF PRODUCT			
		SYRINGE	CARTRIDGE	VIAL	AMPOULE
HOT END DIMENSIONAL INSPECTION (IN FORMING MACHINE)	Outer dimensions	CORDELIA	NEREID	PAN	PROSPERO
DIMENSIONAL INSPECTION	Outer dimensions	CRESSIDA	PROTEUS	THYONE	THEBE
	Inner diameter	CHARON	TELESTO	TELESTO	
	Bottom concavity and thickness			PANDORA	
	Outer dimensions - offline	TITAN			
COSMETIC INSPECTION	Cosmetic	CARPO	LARISSA	RHEA	HYDRA
	Stress in glass	ATLAS			
	Needle bonding	PHOEBE			
PRINT INSPECTION	Print inspection	METIS			



Vimec, a part of Kestrel Vision group, is the specialist for in-line & off-line inspection of pharmaceutical glass packaging. With a 30-year history of innovation, creativity, and continuous development, Vimec has built its reputation for superior visual inspection systems for tubular glass products.

The dedicated team in Eindhoven, Netherlands, designs, manufactures and validates our equipment with the focus on quality, user-friendliness, and customer satisfaction.

We kindly invite you to learn more about our reliable and highly accurate systems.

Contact Us

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TITAN



**HIGH ACCURACY
 AUTOMATED OFF-LINE
 DIMENSIONAL
 MEASUREMENT SYSTEM**

