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Let's Solve Water



# Optical Turbidity Sensor with Low Maintenance

RELIABLE OPERATION, NO TEAR AND WEAR PARTS

شرکت ابزار طب  
وارد کننده تجهیزات  
آزمایشگاهی - تحلیلی - علمی  
تاسیس ۱۳۶۳



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[www.abzarteb.com](http://www.abzarteb.com)



[abzar.teb](https://www.instagram.com/abzar.teb)



a xylem brand

# Turbidity monitoring, e.g. in the outlet of a wastewater treatment plant

## Advantages:

- Low maintenance by integrated ultrasonic cleaning
- No exchange of O-rings or movable parts
- Service contract not mandatory
- High operational safety (sensor check function)

The ultrasonic cleaning system ensures the low-maintenance and continuously reliable measuring operation.



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 VisoTurb® 700 IQ;  
 right:  
 seawater model  
 VisoTurb® 700  
 IQ SW



Optical measurement windows and sapphire disc with ultrasound cleaning system



Sensor without and with ultrasound cleaning system after 30 days

## Technical Data

<b>Model</b>	<b>VisoTurb® 700 IQ (SW)</b>	
<b>Measuring principle</b>	Nephelometric procedure according to DIN EN 27027 and ISO 7027	
<b>Messbereich</b>	FNU	0.05 ... 4000
	SiO <sub>2</sub>	0.1 ... 4000 mg/l
	TS	0.0001 ... 400 g/l
<b>Cleaning procedure</b>	Integrated ultrasonic cleaning	
<b>Operational temperature</b>	0 ... +60 °C	
<b>Permissible overpressure</b>	10 bar	



## Ordering Information

Model	Description	Order No.
<b>VisoTurb® 700 IQ</b>	Digital turbidity sensor with integrated ultrasonic cleaning (please order cable separately)	600010
<b>VisoTurb® 700 IQ SW</b>	Like VisoTurb® 700 IQ, but as a sea water model	600011



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