

## Compare Products

# XT Series Shaft Alignment

In the table below you can compare our XT shaft alignment systems technical features side-by-side. The main differences are:

**Easy-Laser® XT770:** Utilizes dot laser technology, 2 axis detectors

**Easy-Laser® XT660:** Utilizes dot laser technology

**Easy-Laser® XT550:** Utilizes dot laser technology, Ex/ATEX approved

**Easy-Laser® XT440:** Utilizes line laser technology

● = Included

○ = Optional

### Systems

	XT770 Shaft+GEO	XT770 Shaft	XT660 Shaft	XT550 Ex/ATEX	XT440 Shaft
Laser technology	Dot	Dot	Dot	Dot	Line
Type of detector	2 axis PSD	2 axis PSD	1 axis PSD	1 axis PSD	1 axis PSD
Detector size	20×20 mm	20×20 mm	20×20 mm	20×20 mm	30 mm
Wireless communication with units	●	●	●	●	●
Ex classification				●	
IP class (measuring units)	66, 67	66, 67	66, 67	66, 67	66, 67
Measurement range	20 m	20 m	20 m	20 m	10 m
Operating time, display unit	16 h	16 h	16 h	11 h	16 h
Operating time, measuring units	24 h	24 h	24 h	20 h	24 h
Pre-mounted units on brackets	●	●	●	●	●
PDF report automatically generated	●	●	●	●	●
V-bracket with chain	●	●	●	●	●
Extension chains	●	●	●	●	○
Magnet bases	●	●	○	○	○
Offset brackets	●	●	○	○	○
Axial Magnetic bracket	○	○	○	○	○

### Shaft Alignment Programs

	XT770 Shaft+GEO	XT770 Shaft	XT660 Shaft	XT550 Ex/ATEX	XT440 Shaft
Horizontal machines	●	●	●	●	●
Vertical/flange mounted machines	●	●	●	●	●
Cardan/offset mounted machines	●**	●**	●**	●**	
Machine train (unlimited)	●	●	●	●	
Machine train (3 machines)	●	●	●	●	

## Geometric Measurement Programs

	XT770 Shaft+GEO	XT770 Shaft	XT660 Shaft	XT550 Ex/ATEX	XT440 Shaft
Twist measurement	•	•**	•	•	
Basic flatness	•	L			
Straightness	•	L			
Bore center	•**	•**			

## Other Measurement Programs

	XT770 Shaft+GEO	XT770 Shaft	XT660 Shaft	XT550 Ex/ATEX	XT440 Shaft
Values*	•	•	•	•	•
Values* (Dynamic recording/Trend)	•	•	•	•	•
Belt transmission alignment	E	E	E	E	E
Level (displayed in Values program)	•/C	•/CL	C	C	C
Vibration measurement	V	V	V	V	V
EasyTrend™	•**	•**			

\*=program Values is a digital dial indicator, with which you can perform many measurement and alignment jobs.  
\*\*=accessories required

### Explanations

E=possible when adding XT190 BTA unit

V=possible when adding VIB unit XT280

C=possible when adding Digital level unit XT290

L=possible when adding Laser transmitter XT20 or XT22

### » Note!

This is a simplified overview. Always consult us if upgrading your system, because additional brackets not mentioned here might be needed. Another reason is there may be existing brackets that are better suited for the specific measurement application than those included as standard.

