



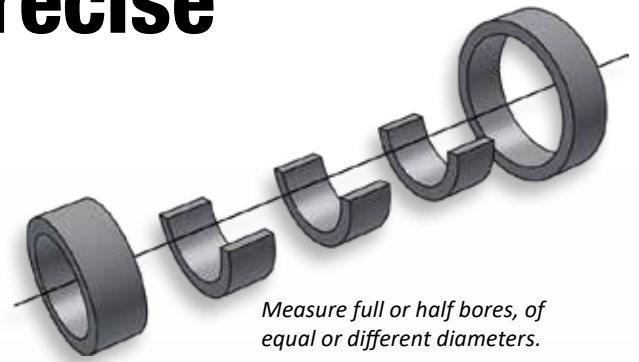
Bore Alignment

XT

Versatile, easy and precise

BORE ALIGNMENT FOR A WIDE RANGE OF APPLICATIONS

The Easy-Laser® XT Bore alignment solutions are primarily designed for applications like engines, compressors and gear-boxes, but can be used in many more applications. All parts are designed for maximum accuracy and stability to allow measurement with a resolution of 0.05 mils [0.001 mm]. With measurement distances of up to 130 feet [40m], XT Bore is ideal for both field service and new equipment manufacturing.



Measure full or half bores, of equal or different diameters.

INTUITIVE MEASUREMENT PROGRAMS

The Bore Center program guides the user through the entire measurement process. The system automatically calculates the bore positions in relation to each other, both horizontally and vertically. Results are then displayed through one or more fixed points, as best fit values, and with regard to tolerance values.

TWO ALTERNATIVES

You may choose the complete XT950 system, dedicated for bore alignment, or combine bore alignment with the XT770 shaft alignment system for more possibilities.

- **XT950 BORE ALIGNMENT SYSTEM**

A complete system including the XT9 detector and XT24 laser transmitter. With this system you can measure diameters from 3.125" to 19.675" [80–500 mm].

- **BORE BRACKET KIT, WITH XT24**

With the bore bracket kit added to an XT770 laser shaft alignment system, the XT70-M unit is used as the detector. The XT70-M detector lets you measure bore diameters from 5.125" to 19.675" [130–500 mm].

- **BORE UPGRADE KIT, WITH XT9**

The bore upgrade kit with XT9 must be added to the Bore Bracket Kit with XT24 to measure bore diameters from 3.125" to 19.675" [80–500 mm]. All bore measurement components are then stowed in the same carrying case.

MEASURE STRAIGHTNESS AS WELL

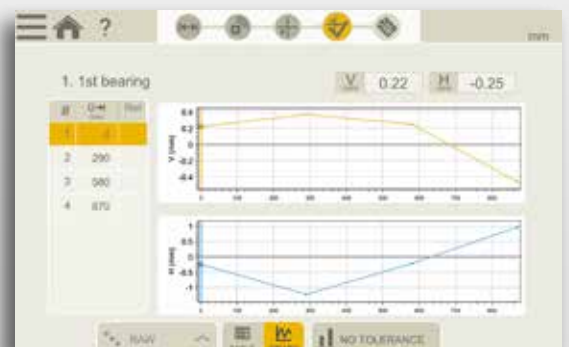
You can also measure the straightness of shafts, linear guides, foundations, etc. without any additional accessories.



Bore center program, with bores individually named. If required, you can set tolerances.



Bore center measurement view. Measure from 3 to 50 points at each bore position in Multipoint measure mode. Remeasure any point at any stage.



Graph result view. Example with four bores. The result can be displayed as Best-fit calculated.

MOUNTING OPTIONS

The laser transmitter, detectors and brackets can be mounted in many different ways. The bracket system is versatile and provides many possibilities to mount the detector in bores of different widths and diameters. The magnetic feet holds the detector in perfect position for stable and precise measurements. Below are only a few examples of what is possible.

Learn more about the brackets and their dimensions in our complete Product Catalogue > Technical specifications. You find it on our web site www.ludeca.com.



XT24 on hub



XT24 on hub



XT70 on bracket 12-0455



XT9 on bracket 12-0455



XT70 on bracket 12-1277



XT9 on bracket 12-1277



Axial support 12-1368



XT9 on bracket 12-0768

SAVE AND SHARE



INTERNAL MEMORY

Save your measurement files, photos and reports to the internal memory.



VERSATILE FILE TYPES

Output reports in both PDF and Excel formats.



ADD NOTES



SIGN REPORTS ELECTRONICALLY

Sign-on screen to verify your job. Signature is saved with the PDF file.



ADD PHOTOS



SEND REPORTS

Share the reports via email, on all platforms.



SAVE TO USB

Save your files to USB stick and copy to other devices.

MAXIMUM FLEXIBILITY



ONE APP – FOR MULTIPLE PLATFORMS

One app for all XT products. Available for iOS, Android, and our rugged XT12 tablet.



NO LOCK-INS

The XT Alignment App can be downloaded to any number of devices for free. No license hassle!

COLLABORATE EASILY



CLOUD CONNECTED

The XT App can be connected to our Easy-Laser PLUS™ cloud service to collaborate with your maintenance team on job assignments and copy your measurement data to a new device if your tablet is lost or damaged. Subscription required.

XT950



A: XT950, with laser transmitter XT24
(Part No: 12-1385)

XT Bore Kits



B: Bore bracket kit, with XT24
(Part No. 12-1381)



C: Bore Upgrade kit, with XT9
(Part No. 12-1355)

XT770

Shaft alignment system

To be combined with the Bore Kits. Learn more in the separate XT770 brochure, and on our web site.

Parts included with each system or kit:

		A	B	C
12-1371	Laser transmitter XT24	1	1	
12-1350	Detector XT9	1		1
12-1375	Offset hub with counterlock and tilt for XT24	1	1	
12-0707	Arm kit with magnets	1	1	
12-1161	Set of rods 4x2.95" [4x75 mm]	1	1	
12-0987	Set of rods 4x4.72" [4x120 mm]	1	1	
12-0060	Set of rods 4x9.44" [4x240 mm]	1	1	
12-0455	Slide bracket Small	1	1	
12-0543	Slide bracket Medium	1	1	
12-0510	Slide bracket Large	1	1	
12-1277	Bracket with rotatable bore probe, XT	1	1	
12-1357	Target for detector rough alignment	1	1	
12-1368	Axial support for slide brackets	1	1	
12-1351	Rod adapter with built-in target C-C 56 mm	1		1
12-0767	Rod adapter with built-in target C-C 40 mm	1		1
12-0768	Slide bracket, 0.99" width [25 mm]	1		1
03-1256	Battery charger (100–240 V AC)	1		
03-0914	USB memory stick with documentation	1		
03-1707	Measuring tape 16.4' [5 m]	1		
03-0967	Hexagon wrench set	1		
12-0751	DC to USB adapter, for charging	1		
12-0989	DC split cable for charging	1		
03-0878	Cleaning cloth for optics	1		
12-1384	Carrying case Medium BORE, with wheels WxHxD: 21.5x17.0x9.6" [546x432x244 mm] Weight with parts: 33.9 lbs [15.4 kg]	1		
12-1383	Carrying case XT Bore Bracket Kit WxHxD: 18.1x13.1x6.9" [460x350x175 mm] Weight with parts: 22.0 lbs [10.0 kg]		1	
12-1355	Weight of parts: Weight: 1.17 lbs [532 g]			1

Examples of accessories

12-0187	Magnetic bracket for laser transmitter
12-0282	Set of extension arms for diameters 500–1000 mm
12-0990	Adjustable magnet for offset hub arms
12-0580	Axial extension arms



Add display unit XT12:

12-1292	XT12 with IR Camera
12-1291	XT12
Weight: 49.4 oz [1400 g]	



12-0997	Shoulder strap for XT12 (accessory)
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LASER
2



CE

ISO
9001
CERTIFIED

3
YEAR
WARRANTY



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Keep it running.

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