
Getting to know our products?
Easy.
EASY-LASER®
www.easylaser.com

Generation XT

– an age of independence

All XT programs in one free app

All XT measurement programs in one straightforward application available for free. Functionality for iOS, Android and Easy-Laser® XT display units.

No lock-ins

Buy with or without the user-friendly, shockproof and waterproof Easy-Laser® XT11 display unit. The XT11 was awarded both the RedDot Design Award 2018 and IF Design Award 2017 for its superb ergonomics, features and looks.

Maximum flexibility and ease of use!

Purchase multiple systems with various capabilities, train once! The training costs are reduced significantly since the app interface and basic functionality is identical for all systems.

Long operating times

The long operating times of up to 16 hours for the display unit and 24 hours for the measuring units mean even the toughest jobs will be finished on time with no interruptions.

GET IT ON Google Play

RUN IT ON EASY-LASER XT11

Download on the App Store

XT Shaft alignment

Easy-Laser® XT770 Shaft

For solving measurement and alignment problems of all kinds on most machine types.

- Measuring units with 2 axis dot laser
- 360Live feature allows for adjustment with units positioned at any angle around the shaft
- Check machine movement over time with the EasyTrend program*
- Continuous Sweep and Multipoint measurements
- Programs for Horizontal and Vertical/Flange mounted machines
- Programs for Machine trains (unlimited) and Cardan/Offset* mounted machines
- Program for Twist/Flatness measurement of the base
- 20 m [66'] measurement distance

Easy-Laser® XT660 Shaft

With the XT660 you can deal with all the important steps of machine setup and maintenance.

- Measuring units with 1 axis dot laser
- Continuous Sweep and Multipoint measurements
- Programs for Horizontal and Vertical/Flange mounted machines
- Program for Machine trains (3 machines)
- Program for Twist/Flatness measurement of the base
- 20 m [66'] measurement distance

Easy-Laser® XT550 Shaft

The intrinsically safe, Ex/ATEX approved XT550 system has the same functionality as XT660. The difference is that it comes with a different display unit (ecom Tab-Ex®) for use in potentially explosive areas.

Measuring units are approved according to:

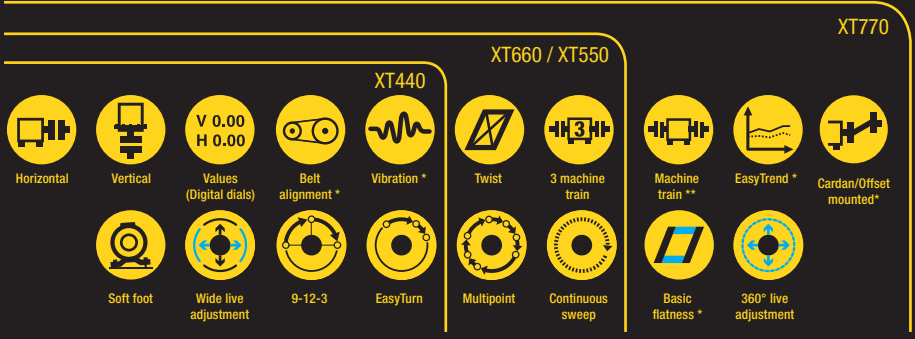
- II 2 G, Ex ib op is IIC T4 Gb, -10°C ≤ Ta ≤ +50°C
- Presafe 17 ATEX 10552X, IECEx PRE 17.0049X

Easy-Laser® XT440 Shaft

With functions for most maintenance needs.

- Measuring units with 1 axis line laser
- EasyTurn and 9–12–3 measurements
- Programs for Horizontal and Vertical/Flange mounted machines
- 10 m [33'] measurement distance

Generation XT features



*Accessory required **Also with XT550.

XT Belt alignment

Easy-Laser® XT190 Belt Transmission Alignment

Digitally displays the parallel and angular misalignment “live”. Use it as an add-on to the XT770/XT660/XT440/E720/E710/E540 systems, or as a separate tool thanks to the built-in display. Or download the free XT Alignment app and use your iOS or Android phone/tablet as display device! Align to specified tolerances, then document the result as PDF.

For almost all belt drives: V-belt, timing belts, flat belt and chain drives.

XT Vibration measurement

Easy-Laser® XT280 VIB

Easy-to-use vibration analyzer that quickly diagnoses vibration level, unbalance, misalignment and looseness.

The direct readout of 1x, 2x, 3x RPM, total level as well as bearing condition provides necessary information during installation and alignment.

The XT280 connects to the XT Alignment app, making it possible to document the result as PDF, with photo and comments for each measurement point.

XT Thermal camera

Easy-Laser® XT11 + Thermal camera

The Easy-Laser XT11 Display unit has the option to add a thermal imaging (IR) camera along with the standard 13 MP digital camera. Shoot a thermal image before and after alignment and include with the documentation!

XT Geometric Kit

Easy-Laser® XT Geometric Kit

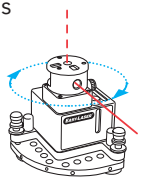
With this kit added to your XT770, using the Values program, you will be able to take flatness and straightness measurements with the highest reliability and precision. The kit includes the very versatile and long proven laser transmitter D22 (pictured) plus geo brackets. For more information, please ask your sales representative.

Shaft alignment *E-series*

Easy-Laser® E720 Shaft

The Easy-Laser E720 includes the versatile laser transmitter D22 and all geometric apps. With this measurement system you can perform almost any kind of machine set-up, quality check and alignment:

- ✓ Measure the base twist and flatness
- ✓ Measure straightness of pipes and shafts
- ✓ Measure flatness of parting surfaces
- ✓ Correct soft foot
- ✓ Measure misalignment
- ✓ Align the machine
- ✓ Document the results
- ✓ Optional belt alignment



With Laser transmitter D22 you can measure straightness and flatness within a 40m [130'] radius circle, and squareness to this plane.

Easy-Laser® E710 Shaft

Easy-Laser E710 handles all stages of machine set-up and alignment:

- ✓ Measure the base twist
- ✓ Correct soft foot
- ✓ Measure misalignment
- ✓ Align the machine
- ✓ Document the results
- ✓ Measure positional change (Thermal Growth)
- ✓ Optional belt alignment
- ✓ Upgradable to handle additional measurement applications

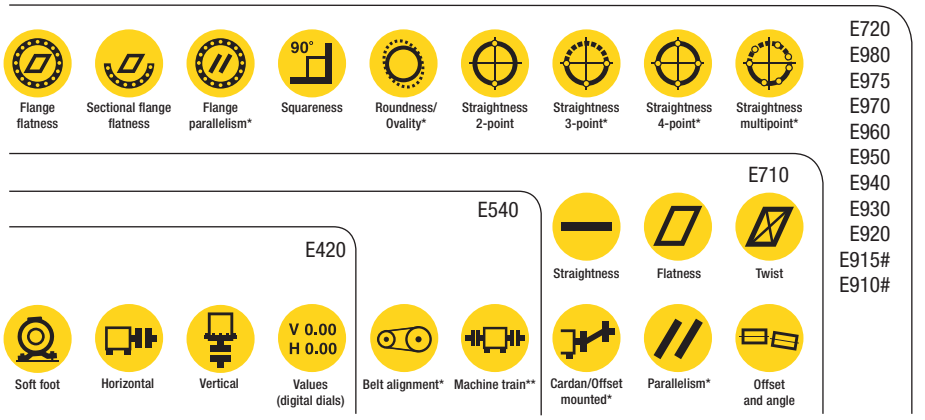
Easy-Laser® E540 Shaft

Easy-Laser E540 provides the ideal balance between performance and budget allowing you to meet your job requirements and create the best conditions to operate your machinery economically and problem-free.

Easy-Laser® E420 Shaft

Easy-Laser E420 redefines the entry level for shaft alignment systems with built-in wireless units, large 5.7" color display and measurement functions like much more advanced systems.

E-series features



*#Only includes Flange programs and Values. ** Limited to 3 machines for E540. *Accessory required.*

Mobile measurement

*The Easy-Laser **E915/E910** Flange flatness systems are really easy to use! You get a True3D graph result and all best fit calculations available directly on site.*

Roll alignment

*With Easy-Laser **E975** (pictured) you quickly align one or two rolls when replacing them. System **E970** is a complete system for parallelism and other geometrical measurements.*

Total control

*All measurements with the **E940** system will compare results with ISO10791-1 or 10791-2, the standards used for machine tool measurement.*

Geometric measurement *E-series*

Easy-Laser® E915/E910 Flange

For flange flatness measurement. See the result as a true 3D image in the display unit directly after measuring. Evaluate the result easily with different calculation settings directly on site without having to stop to go to a PC with separate analysis programs. This makes production much more efficient.

Two Flange systems are available:

- Easy-Laser E915 with Spin Laser.
- Easy-Laser E910 with Swivel Laser.

Easy-Laser® E920 Geometric

This versatile system can be used to carry out all the most common geometric measurements; straightness, flatness, squareness, plumb and level. Measurement is quick and precise. Displayed resolution is 0.001 mm [0.05 mils]. The system can provide full documentation, with direct generation of PDF reports, and database programs for PC. The laser transmitter is our well known big seller, the D22 with levelling table, strong magnetic feet, and a range of up to 40 m.

Easy-Laser® E930 Extruder

The Extruder system E930 is designed to measure straightness and pointing direction, primarily on extruder pipes. Another application can be hydraulic pipes for example.
The well-thought-out design of the system ensures that the measurement procedure is quick and accurate. Diameters down to 50 mm [1.97”] can be measured. Working range is up to 40 m [130’]. The programs guide you through the measuring procedure, which speeds up the work.

Easy-Laser® E940 Machine Tool

Easy-Laser E940 Machine tool system is a complete measurement system for measuring and aligning machine tools. The most important thing to check is the geometry of the machine; straightness, spindle direction, flatness and squareness, because not even a precisely calibrated linear motion can compensate for a crooked movement or uneven surface.

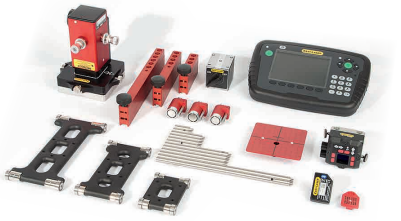
Compared to conventional methods, such as dial gauges, mandrels and stones, work can be carried out much quicker and more accurately with the use of a laser measurement system. And do not forget, the results can be documented.

- ✓ Light and handy equipment
- ✓ Possible to measure and align over long distances
- ✓ Document the result as PDF and to PC

HyperPSD™

Makes it possible to display a resolution of 0.0001 mm [0.000005”/0.005 mils].

Easy-Laser® E950 Bore Alignment



Easy-Laser E950 makes measuring and aligning bearings and bearing journals easier thanks to a wireless detector and versatile brackets.

- ✓ Measures both full bores and half bores
- ✓ Multipoint measurement
- ✓ Bore ovality measurement
- ✓ Calculate waviness (short and long) and best-fit

Available configurations:

- Easy-Laser E950-A and E950-C for diesel engines, compressors, gearboxes etc.
- Easy-Laser E950-B and E950-D for propeller shaft drive lines with sterntube.

Easy-Laser® E960 Turbine

Easy-Laser E960 Turbine alignment systems make the measurement and adjustment work of diapraghms and bearings easier thanks to the wireless detector unit and measurement programs that guide you through the measurement process.

- ✓ Measures both full bores and half bores
- ✓ Multipoint measurement
- ✓ Bore ovality measurement
- ✓ Calculate waviness (short and long) and best-fit

Available configurations:

- Easy-Laser E960-A: Suitable for gas turbines and smaller steam turbines.
- Easy-Laser E960-B: Suitable for large turbines.

Easy-Laser® E970 Parallelism

For parallelism measurement of rolls and other objects in numerous applications. The E970 is especially suitable when many objects are to be measured and aligned, and when the distances are long (40+40 m). Also measures level, straightness and flatness on wire sections (suction boxes), flatness on bases and straightness on rolls.

- ✓ For parallelism measurement of most kind of objects
- ✓ Versatile system – also for flatness and level

Easy-Laser® E975 Roll alignment

Designed mainly for roll alignment. The system is well suited when just one or two rolls are to be replaced or adjusted at the same time. The E975 has an angle detector, and a digital precision level. Quick to set up on the machine!

- ✓ Keep the maintenance and service work in-house
- ✓ Even short stoppages can be utilized
- ✓ Easier to use than traditional methods

Easy-Laser® E980 Sawmill

The Easy-Laser E980 Sawmill system will help you increase efficiency and save money in your sawmill. The system measures straightness, flatness and squareness. Saw blades, band wheels, reducers and steerings are aligned and positioned. It can be used equally well for circular saws and band saws.

Bore measurement

*System **E950** is used for measuring straightness of bearing journal centre lines in for example diesel engines, gearboxes, compressors and propeller drive lines. Can also be used for roundness measurement.*

Easy-Laser® E290 Digital Level

Digital levels are extremely useful tools for setting-up and aligning most types of machines, for example, levelling machine tables, rolls, bases, etc. Other areas of use include checking straightness, flatness and parallelism. Easy-Laser E290 now also offers the possibility of documenting the work, by wirelessly connecting to your Easy-Laser® E-series alignment system. E290 is the perfect addition to laser based alignment systems and is an investment that can be recouped quickly thanks to the broad areas of use.

Use your iPhone, iPod or iPad as display!

With our free app Precision Level you can follow the alignment from the place where you adjust the machine, and document your measurement.

Download on the App Store

It's easy!

The Easy-Laser® XT Alignment app gives you the freedom to work with the display unit that suits you and the job best. Download the app for free and start measuring!*

*Please see our web site for compatible models.

On our web site you can find Easy-Laser® sales representatives and Service Centers all over the world. There you can also learn more about each specific measurement system, and download the detailed product brochures:

www.easylaser.com

Authorized distributor

ISO 9001 CERTIFIED

3 YEAR WARRANTY

CE

CAUTION
LASER RADIATION
DO NOT STARE INTO BEAM
CLASS 2 LASER PRODUCT

Easy-Laser® is manufactured by Easy-Laser AB, Alfagatan 6, SE-431 49 Mölndal, Sweden
Tel +46 31 708 63 00, Fax +46 31 708 63 50, e-mail: info@easylaser.com, www.easylaser.com

These products comply with: EN60825-1, 21 CFR 1040.10 and 1040.11.
Contains FCC ID: QOQBGM111, IC: 5123A-BGM111 and FCC ID: 2AFDI-ITCNFA324 IC: 9049A-ITCNFA324, and FCC ID: PVH0946, IC: 5325A-0946.
05-0619 Rev12