

LEISTER

LASERSYSTEMS

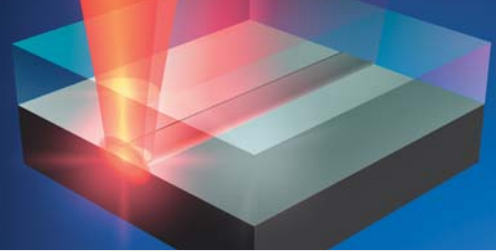
NOVOLAS

Basic AT Compact



The compact,
cost effective laser system
for plastic welding.

NOVOLASTM



NOVOLAS Basic AT Compact

The System

The laser system NOVOLAS Basic AT Compact is an air-cooled and thus especially compact laser system. It is specially designed for integration into production lines and manufacturing cells. The 19"-housing of a depth of 500 mm includes a fiber-coupled laser module (single-emitter high-power laser-diodes) with an optical power of 40 W. It is equipped with a front display for process state and system diagnosis. It can be used as a tabletop unit and may be combined with all fiber-coupled optics of the NOVOLAS product line. The mutually matched components provide high process stability as well as cost-saving production.

Applications

The NOVOLAS Basic AT Compact may be configured according to the needs of the customer. It may be upgraded by a wide range of accessories and options. With its optical power of 40 W, the Basic AT Compact is specially suited for contour welding applications with standard and GLOBO-Optics as well as simultaneous welding of welding areas up to 100 mm².

- Cost-effective
- Compact
- Flexible
- Versatile
- Suited for integration
- Air-cooled
- Easy to maintain



Technical Data

Laser type	Diode laser	
Laser power	W	40
Aiming beam	Power LED, to be engaged and disengaged independently	
Fiber coupling	Fiber 600 µm NA 0.22	
Data interface	Digital / Analog I/O, RS232, RS 422/485, USB, Ethernet	
Voltage	V~	110 – 230 ± 10%
Frequency	Hz	50 ± 1% or 60 ± 1%
Current max.	A	6
Mains cable (supplied)	IEC-connector	
Cooling	Air cooling	
Ambient temperature	°C	10 to 40
Dimensions (W / D / H) mm	482.6 x 500 x 266.7 (6 HE)	
Weight	kg	approx. 35
Laser safety class	4	