



LASERSYSTEMS

NOVOLAS Basic AT

The new integrable laser system from Leister for laser welding of plastics.



 **NOVOLAS**™



NOVOLAS Basic AT

The system

The new class NOVOLAS Basic AT is optimised for the integration into production lines. It can be easily configured for various requirements, due to its consequent modular design. Almost any welding concept can be realised with the different diode laser and optic modules. Besides the established concepts like contour welding mainly mask welding and GLOBO-welding has to be emphasised. The mutually matched components provide high process stability as well as cost-saving production. The use of multiple laser and optic modules in one single system enables an efficient way to increase throughput which also helps reducing costs.



Benefits:

- Flexible
- Cost-effective
- Versatile
- Production oriented
- Easy to maintain
- Upgradeable
- Future-proof

The integrable system NOVOLAS Basic AT can be configured according to customer's needs and can be upgraded with a wide range of accessories and options.

Technical data

Laser type		Diode laser
Beam shape		Spot and line laser
Laser power	W	Up to 200
Line length	mm	30 – 90 (from 35 W)
Multi laser		Multiple, laser modules per system possible
Pilot laser	mW	< 1
Data interface		Digital/analog I/O, RS232, RS422/485
Line voltage	V~	200 / 230 +/- 10%
Frequency	Hz	50 / 60
Max. current consumption	A	16 (according configuration)
Cooling		Internal water circulation
Environment conditions	°C	15 – 40
Weight		According configuration
Laser class		4

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