



green
GLUING

NEURA INTEGRATION KIT

Connects Robatech adhesive application systems to collaborative robots from Neura

EASY GLUING OF COMPLEX PARTS WITH COBOTS

Connect a Robatech adhesive application system to a collaborative robot with the integration kit and automate your adhesive application process for complex parts. The Neura integration kit's holders for LARA cobots can be attached to the cobot arm in just a few simple steps. The kit consists of a holder for the application head, holders for cable routing and for variable attachment of the heated hose, and a balancer with screw clamp holders. It also includes the RobaVis software for operation and visualization.

Simple operation and integration

The parameters for adhesive application are configured via the web-based RobaVis interface, which is also used for troubleshooting and displaying the system status. The motion sequence is saved using the robot software by manually guiding the cobot arm. No programming skills are required.

Proven adhesive application systems

Robatech's adhesive application systems are modular in design and can be tailored to your application. The optional automatic filling system for melters ensures operator safety and extends adhesive refill intervals. In addition, rotary feed-throughs for heated hoses provide reliable protection against torsion.

Cobots: collaborative robots

They do not require a safety guard and are easy to operate. Thanks to their size and safe use, they work hand in hand with humans: absolutely reliably, with high precision and repeated accuracy.

Your benefits

- Increases productivity through reliable adhesive application
- Increases adhesive application quality through precise and repeatable application
- Simple programming of the motion sequence and control of the gluing process
- Reduces the probability of errors and costs compared to manual application
- Relieves staff and protects them from injury
- Simple integration with the Robatech integration kit



Holders of the integration kit



Cobot LARA



Vision adhesive melter connected to LARA cobot via integration kit

TECHNICAL DATA

Compatibility	LARA and MAIRA cobots from Neura
Air connection	6 bar

Adhesive application system

Adhesives	EVA, PSA, PO, PUR, POR (depending on the melter)
Form of adhesive	Granulate / blocks / cushions
Adhesive melters	All Robatech melters
Web visualization	Only for adhesive melters with ICS Net control or RCS
Heated hoses	NW6 / NW8 / NW 13
Application heads	AX Diamond, SX Diamond, SX Longlife, SpeedStar Compact, Aero and Delta*
Operating temperature	20 to 200 °C
Adhesive viscosity	100 to 5,000 mPas; depending on the application up to 30,000 mPas possible

* others on request