

deister – innovative products and solutions

The name deister electronic has been synonymous with innovative RFID products and solutions in the fields of security and automatic identification for more than 35 years. Our portfolio of products is used to manage keys and valuable objects, for vehicle identification, access control as well as logistics and automation technology. Developing and marketing new technologies as well as interfaces between products and systems forms the basis to create flexible solutions for customer-specific applications.



The UHF table-top reader

The UDL 50 is designed as a table-top reader to personalize and test UHF transponders. Deployed at the "Point of Sales" the read/write device UDL 50 is suitable to scan goods, to store data as well as to terminally disable transponders.

In applications detecting textiles the UDL 50 is stationed on packing tables or it can serve as a read-in/read-out reader on repair workbenches. It also goes without saying that the UDL 50 can also be used as a universal check in/check out station.

Your benefits at a glance:

- **The "Point of Sale" solution**
- **Personalize transponders**
- **UHF short range to test and approve transponders**
- **USB connection to host system**
- **Universal check in/check out station**

Technical data

Dimensions WxHxD:	196 x 152 x 48 mm
Weight:	approx. 485 g
Housing material:	ABS
Protection class:	IP20
Operating temperature:	+5...+50°C
Relative humidity:	5...95%, non-condensing
Power requirement:	12...24 VDC / max. 6W
Frequencies:	865-868 MHz
Output power:	Max. 45 mW ERP (EN 302 208)
Transponder protocols:	ISO 18000-6C EPC Class1 Gen2
Anti-collision:	Detects multiple transponders in the antenna field
Reading/writing distance:	Up to 50 cm, depending on transponder type and ambient conditions. The writing distance is 50% of the reading distance.
Interfaces:	USB, optional: Ethernet