

# Technical Data

## alkitronic® - MDS - Cardos OP/OS - ESDx

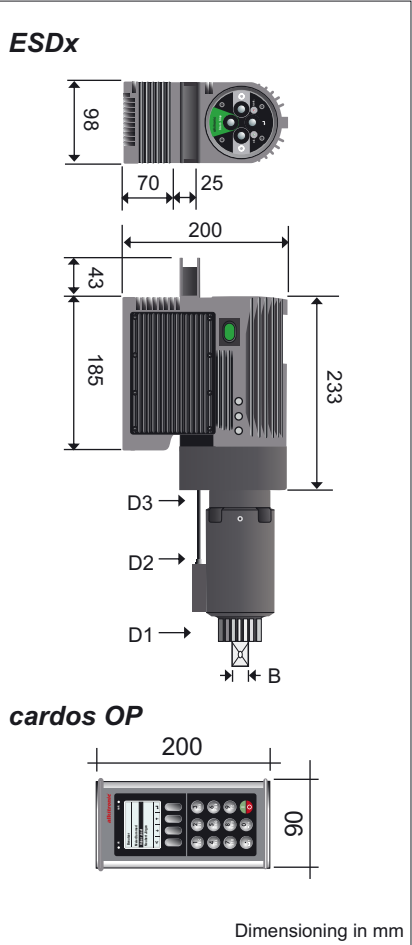


### Operation Panel *cardos OP*

Power supply: Battery and via data cable ESDx tool. Bar code reader optionally.  
Memory capacity: approx. 10.000 bolted joints depending on the parameter sets.

### Application Software *cardos OS*

Data communication via USB interface. Can be run under Windows XP (R) Microsoft



### MDS Examples of configuration:

Controlling of electric- or hydraulic operated torque wrenches

Simultaneous operation with up to 4 sensor tools is possible.



cardos OS - Operation Software



cardos OP - Operation Panel



ESDx Sensor Tool



EHPC-D Power pack



Hydraulic Tool



**alkitronic ESDx** Voltage 100-253 V, Frequency 45-66 Hz, Power 2000 W

Accuracy of sensor: +/- 0,5 % fsr, Temperature range: 5 - 50 degrees Celcius

Series/Type		ESDx 50	ESDx 100	ESDx 200	ESDx 300	ESDx 400	ESDx 600
Torque range approx.	Nm	50-500	100-1000	200-2000	300-3000	400-4000	600-6000
Nominal torque (max.)	Nm	500	1000	2000	3000	4000	6000
Square drive	B	3/4"	1"	1"	1"	1 1/2"	1 1/2"
Diameter D <sub>1</sub> approx.	mm	41	54	54	72	72	72
Diameter D <sub>2</sub> approx.	mm	85	85	85	98	98	123
Diameter D <sub>3</sub> approx.	mm	88	88	88	88	88	123

The processor controlled shut off electronic guarantees accurate repeatability of torques.  
Angle resolution: 1 degree; Protection Art IP54. Further types and detailed information upon request:

Subject to change without prior notice / E & OE / Figures can differ depending on type.



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