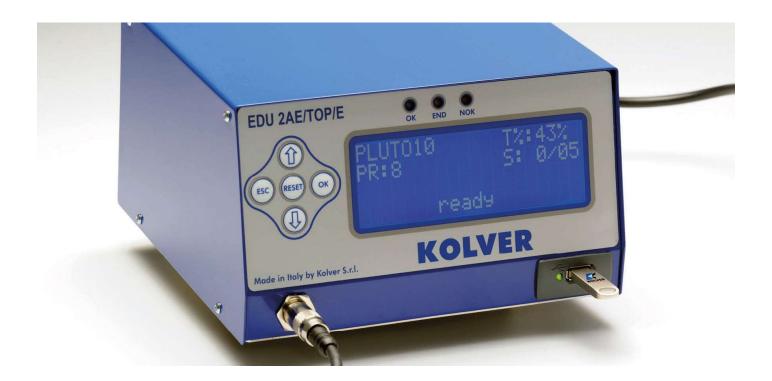


Control Units for PLUTO & MITO Screwdrivers / EDU2AE Series



EDU2AE Control Units | For PLUTO and MITO Screwdrivers

EDU2AE control units are meant to be used in combination with Kolver current controlled MITO and PLUTO and/or clutch PLUTO screwdrivers. EDU2AE series switching controllers act as an AC to DC transformer and torque controller. The electronic control circuit cuts the power supply to the motor as soon as the pre-set torque has been reached.

Universal usage

All units are equipped with a high power switching transformer with 90-260 V AC power supply for universal usage.

EDU2AE control units are multilanguage: you can choose among English, Italian, German, French, Portuguese or Spanish.

Single & Multi-Torque

Choose the control unit that best suits your requirements among our single-torque controllers or multi-torque.

Multi-torque control units are designed to expand the functionality of PLUTO screwdrivers by enabling multiple torque settings (up to 8) using one controller and one driver.

Extremely accurate

Thanks to the latest state-of-the-art advanced software for torque controlling it is now possible to reach the most accurate results with CM / CMK values higher than ever.

The combination of the software and switching transformer allows the MITO & PLUTO screwdrivers to reach a +/- 5% precision all over the torque range.

Better endurance

All units comply to norms 61000-6-2 and 61000-6-3, and therefore have better endurance in environments with high noise and interference levels. Improved EMC features are guaranteed thanks to their solid steel base and back panel.

Connectivity and Industry 4.0

All functions can be set and controlled via user interface screens or remotely via 15 input and 11 output connectors.

A wide range of accessories for remote programming and PC interface is available for the complete EDU2AE series (see page 51).

EDU2AE/TOP/E and EDU2AE/TOP/TA come standard with the EXPAND software package to set, change and save all parameters via USB key & PC.

EDU2AE & Screwdriver Series Combination

Control units	Screwdriver models			
	Hand-held	Automation		
EDUZAE EDUZAE/HPRO EDUZAE/TOP EDUZAE/TOP/E	MITO D MITO P PLUTO D, D/N PLUTO P, P/N PLUTO P/U, P/U/N PLUTO CA/SR PLUTO ANG PLUTO ANG/SR	MITO CA MITO CA/FN PLUTO CA PLUTO CA/FN PLUTO CA/FN2		
EDU2AE/TOP/TA	Hand-held	Automation		
EUGENETICITIE	MITO D/TA PLUTO D/TA PLUTO D/TA/LED PLUTO P/TA PLUTO CA/SR/TA	MITO CA/TA PLUTO CA/TA PLUTO CA/FN/TA PLUTO CA/FN2/TA		



Control Units for PLUTO & MITO Screwdrivers / EDU2AE Series

Section Sect	Features	EDU2AE	EDU2AE/FR	EDU2AE/HPRO	EDU2AE/TOP	EDU2AE/TOP/E	EDU2AE/TOP/TA
Promote Prom	Switching power supply	•	٠	•	•		•
Secret Land Correct 2 secretary And records And records Settable Opening societ Multicorgue Settable Opening societ Settable Opening societ	Settable Torque percentage	•		•	•	•	•
International Processing Section International	Ramp and Speed settings	•	•	٠	•	•	•
Mation around	Speed 1 and Speed 2 settings	٠		•	٠	•	•
Fe Revenue		0	•	0	0	0	0
Setable bosening seed Setable setable setable seed Setable setable setable seed Setable setable setable seed Setable setable setable setable seed Setable setable setable setable seed Setable	Auto reverse	0	•	0	0	0	0
Setable Ecoening torque But time Clock week ministrict bewee stoptening Clock week week	Pre Reverse			•	0	•	•
Resouling torque Calcivorise/intercoccosite topitaming Presound protested Caltivation Ner-lobin-Kpf.cm Section Ner-lobin-Kpf.cm Section Sectio	Settable loosening speed	•		•	•	•	•
Prevailing torque Cickoviveranticockvive togitating Password protected Coliforation	Settable loosening torque	0		0	0	•	•
Cold-conversal indicatorials in the indicatorials indicatorials in the indicatorial indicatorials in the indicator	Run time	٠	•	•	•	•	•
Passor of protected Calitaration Seriable Minimac torque Series count and entire of spiral	Prevailing torque			•	•	•	•
Albration				0	0	•	•
Nm - Ibún - Kgit cm selection	Password protected		•	0	•	•	•
Settable Min/max torque Screw count and end cycle signal Screw reset Sequence reset Sequence reset Multitorque Lever error Enable/Disable loosening Barcode Serial print Error, motor on and cornects crow back panel Multilanguage Multilanguage Lever error Sequence reset Se	Calibration			0	•	•	•
Screw reset Screw reset Program reset Sequence reset Sequence reset Lever error Enable/Disable lossening Barcode Serial print Error, motor on and correct screw signals Correct screw signals Serial print Serial prin				0	•	•	•
Screw reset Program reset Sequence reset Multitorque Lever error Enable/Disable loosening Barcode Serial print Error, motor on and correct screw signals Cytional screwdriver connector on back panel Multilanguage Multilan	Settable Min/max torque			0	•	0	0
Program reset Sequence reset Multitorque Lever error Enable/Disable loosening Barcode Serial print Error, motor on and correct screw signals Optional screwdriver connector on back panel Multilanguage Multilanguage Use with PDCKO4 double output connector on the connector on the connector of the connec		0	•	0	0	0	0
Sequence reset Multitorque Lever error Enable/Disable loosening Barcode Barcode Serial print Error, motor on and correct screw signals Optional screwdriver connector on back panel Multilanguage Use with PROTRI serial printer Printing options for each program Use with PRITRI serial printer Printing options for each program Use with TLS1 Serial printer Printing options For each program	Screw reset				•	0	•
Lever error · · · · · · · · · · · · · · · · · ·	Program reset		•	0	•	•	•
Lever error	Sequence reset			•	•	•	•
Enable/Disable loosening Barcode Serial print Error, motor on and correct screw signals Optional screwdriver connector on back panel Multilanguage Use with DOCK04 double output connector Use with PRNTR1 serial printer Printing options for each program Use with TLS1 > w automatic program	Multitorque				•	•	•
Barcode Serial print Definit Serial print Serial printe Serial print Serial print	Lever error			•	0	•	•
Serial print	Enable/Disable loosening			•	•	•	•
Error, motor on and correct screw signals Optional screwdriver connector on back panel Multilanguage Use with DOCK04 double output connector Use with PRNTR1 serial printer Printing options for each program Use with TLS1 >> w/ automatic program	Barcode			0	0	0	0
Correct screw signals Optional screwdriver connector on back panel Multilanguage Use with DOCK04 double output connector Use with PRNTR1 serial printer Printing options for each program Use with TLS1 Systyla utomatic program	Serial print		•	0	0	0	0
Connector on back panel Multilanguage	Error, motor on and correct screw signals	0	•	•	•	•	0
Use with DOCK04 double output connector Use with PRNTR1 serial printer Printing options for each program Use with TLS1 >> w/ automatic program	Optional screwdriver connector on back panel		•	•			
output connector Use with PRNTR1 serial printer Printing options for each program Use with TLS1 >> w/ automatic program	Multilanguage	•	•	•	•	•	0
printer Printing options for each program Use with TLS1 >> w/ automatic program					•	•	0
Use with TLS1			•	0	•	•	0
>> w/ automatic program	Printing options for each program				•	•	0
>> W/ automatic program switch	Use with TLS1	•	•	•	•	•	•
	>> w/ automatic program switch				•	•	•
PC programming (EDU EXPAND software)	PC programming (EDU EXPAND software)					•	0
USB flash drive & port • •						0	0