Desoutter

Industrial Tools

NANO DRIVER

Electric Transducerized Screwdriver

Extreme precision
Easy integration into automation
Integrated vacuum
On-screen programmable
Joint learning capability

More Than Productivity

Nano Driver System

Designed for Production Optimization with Laboratory Accuracy

>> TOOL FEATURES

Transducerized tool for Extreme Precision

- 4mm wing shank and half moon bits for the smallest screws
- Safety Critical Repeatability
- Traceability using internal transducer

Ergonomic Design

- Streamlined & contoured
- Non-slip Tool Housing
- Push / Lever start
- Highly Flexible Light Weight Industrial Cable
- M20 output thread for easy integration and automatization

Programmable Vacuum System Activation Options

- Built in Accelerometer
- Dedicated connector for 24V vacuum pump

>> VACUUM SOLUTION FOR PICK UP SCREWS

Integrated vacuum channel inside the tool

- Pump managment done directly by the CVIXS controller
- Vacuum start-up with trigget, I/Os, accelerometer or programmable on fastening phases
- Easy to use manually or with robots

>> CONTROLLER FEATURES

Network Integration

- Field Bus Module Kit (optional)
- Open Protocol/Desoutter Protocol
- Programmability on the Fly

User Set-Up Options

- Joint Learning Capable
- Quick Set-up via Key Pad
- CVI PC 2000
- Seating detection strategy

Mounting Options

- DIN Rail, Wall or Table Top

Flexibility

- 50 different Psets and 15 steps

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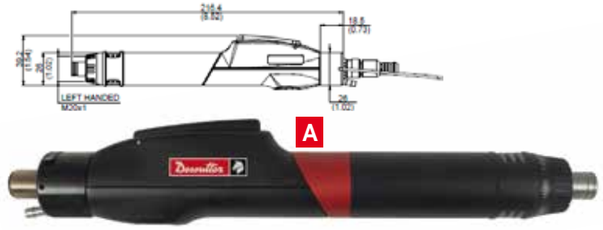
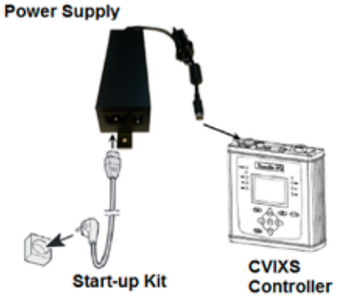
PICTURE	MODEL	PART NUMBER	OUTPUT DRIVE	TORQUE RANGE				MAX SPEED	LENGTH		WEIGHT	
				MIN.	MAX.	MIN.	MAX.					
				Ncm	Ncm	in/lb	in/lb	rpm	mm	in.	kg	lb
A	ERXS20	615 165 874 0	WS - HM	6	20	0.53	1,77	1000	216	8,5	0,3	0,66
A	ERXS50	615 165 875 0	WS - HM	15	50	1.32	4,43	1000	216	8,5	0,3	0,66
A	ERXS80	615 165 876 0	WS - HM	24	80	2.12	7,08	1000	216	8,5	0,3	0,66

DESCRIPTION	PART NO.
TOOL & EXTENSION CABLE 3 METERS - 9.8FT*	615 917 643 0

*Connect up to 3 cables (Max 9 Meters - 29.5ft)



Power Supply

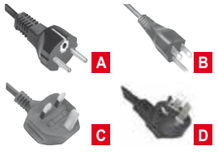


ACCESSORIES

ITEM		PART NUMBER
vacuum solution		
1	Vaccum pump	615 399 087 0
2	Cable CVIXS - Vacuum pump	615 917 644 0
3	Vacuum pump accessories kit	615 399 119 0
4	"Blank nozzle short: 40mm. To be machined according to screw"	615 704 033 0
5	"Blank nozzle long: 60mm. To be machined according to screw"	615 704 034 0
6	"Vaccum adapter kit. For tool handheld. To be ordered with a blank nozzle"	615 812 883 0
Arms		
7	D53-5	615 810 700 0
8	D53-5S	615 810 706 0
9	Special clamp	615 812 885 0
Bits		
10	Refer to accessories catalogue	-
miscellaneous		
11	Flange M20 for automatization	2050528753
12	DTH42 Tool holster	107892

MODEL	PART NUMBER	TOOLS	CONSUMPTION	SUPPLY VOLTAGE	DIMENSIONS						WEIGHT	
					WIDTH		HEIGHT		DEPTH			
			w		mm	in.	mm	in.	mm	in.	kg	lb.
CVIXS CONTROLLER	615 932 720 0	ERXS	150	36VDC	171,6	6,73	171	6,75	54.6	2,15	1,12	2,2
CVIXS POWER SUPPLY	615 932 663 0	CVIXS	72-180	100-240 VAC	65	2,56	50	8,07	50	1,97	0,97	2,13

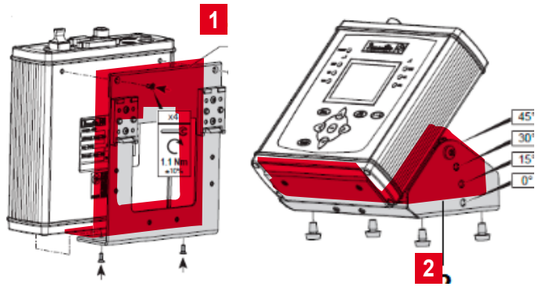
START-UP KIT



PLUG	DESCRIPTION	PART NO.
A	European	615 917 201 0
B	US*	615 917 203 0
C	UK	615 917 202 0
D	Chinese	615 917 206 0

* Included with the power supply

ITEM	DESCRIPTION	PART NO.
1	KIT RAIL DIN SUPPORT CVIXS	615 812 231 0
2	KIT ANGLE SUPPORT CVIXS	615 812 232 0



More Than Productivity

English
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