

Desoutter



E-PULSE

**Low Torque Reaction
Electric Tool**

Boost Productivity

Reaction Free

Joint Quality

Save on Maintenance

Environmental Friendly

More Than Productivity

Industrial tools



E-PULSE

High Speed & Reaction Free

To boost your productivity

Focus



Boost productivity

- Tack time = 1sec/bolt
- Point and shoot - Pistol type is 30% faster to find bolt location



Operator comfort

- Reaction free
- One hand for the tool, One hand for the bolt



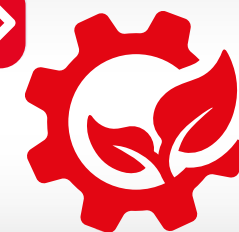
Joint quality

- Less joint relaxation
- Higher and more consistent clamping force



Reduction of maintenance costs

- No oil pulse unit
- Recalibrate the tool once a year



Environmental friendly

- Reduction of CO2 emission
- Clean workshop - No air no oil
- Energy cost 10 times less than pneumatic system

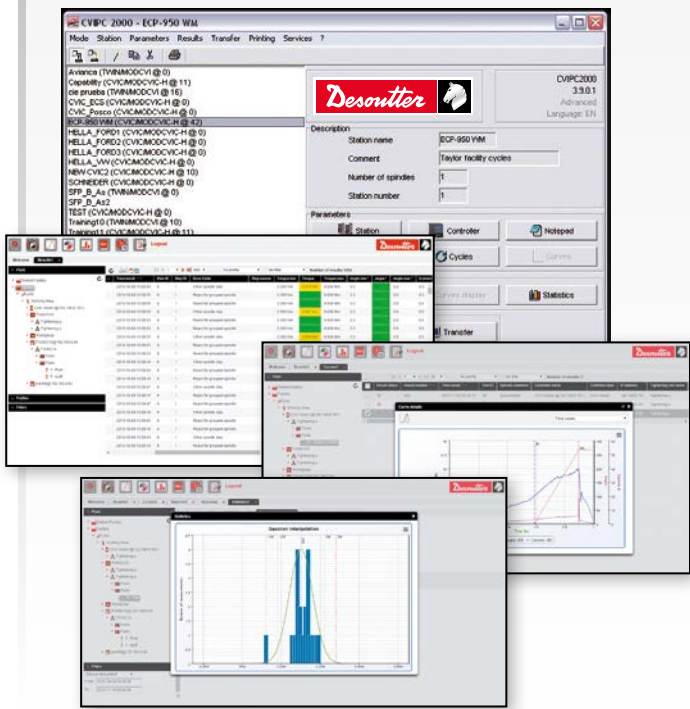


desoutter.info/ELRT

Full Traceability

Programming And Data Collection Software

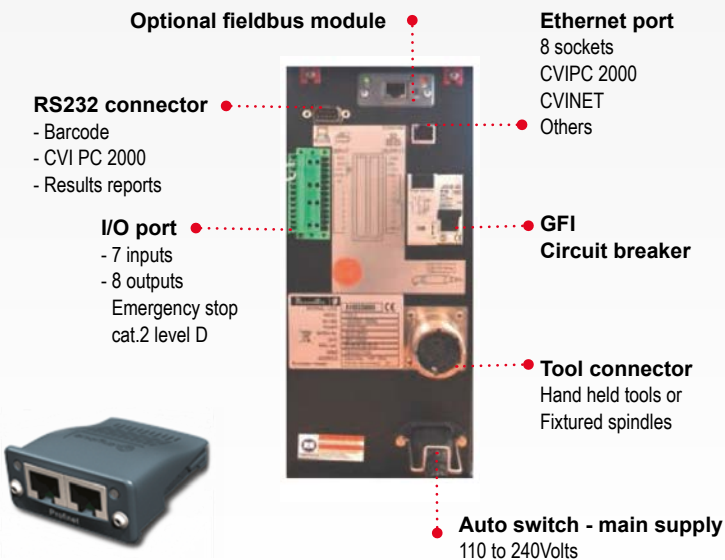
>> EASY INTEGRATION



> Software Over Ethernet

- CVIPC 2000
- CVI NET WEB
- Toolsnet
- Open protocol
- Desoutter protocol

>> COMPLETE CONNECTIVITY SOLUTION



> FIELDBUSES

- Ethernet IP
- Profinet
- Profibus DP
- Devicenet
- CC-Link

> RS 232C

- Barcode reader
- Results after each tightening
- Poka Yoke

Controller - CVIL II



POWER CORD to be order with controller

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



>> CONTROLLER

MODEL	PART NUMBER	CONSUMPTION	MAINS SUPPLY	WIDTH	HEIGHT	DEPTH	WEIGHT
CVIL II	615 932 680 0	115 V 230 V 4A 2A	50/60 Hertz Single phase	mm in 130 5.1	mm in 278 10.9	mm in 291 11.5	kg lb. 5.9 13

FEATURES

ELRT Pulse Mode

Tightening Strategy

Torque control	✓
Torque control + Angle monitoring	✓
Reverse	✓
Pulse counter display	✓

External Connectivity

Input	7 (opto)
Output	8 (relay)
RS232 port	✓

Advanced Features

Ethernet RJ45 (8 sockets)	CVIPC 2000 CVI NET
Fieldbuses	Open protocol, etc. Optional module

Maintenance

Access to all tool memory parameters	✓
Autotest of the complete system	✓
Calibration of the tool	✓

CVIL II

General functions

Number of cycles	50
Number of phases	15
Batch count	999
Bar code reading (cycle selection)	✓

Programming

LCD screen and display	✓
CVIPC software	✓

Tightening results

Led "Low" "OK" "High" Torque	✓
Led "Low" "OK" "High" Angle	✓
Torque+Angle+Date+Time+Report	up to 10.000
Number of curves (flexible with OK and NOK)	10

E-PULSE



PIC REF	PART NUMBER	MODEL	OUTPUT DRIVE	OUTPUT RETAINING TYPE	TORQUE				ROTATIONAL MAX SPEED	LENGTH		WEIGHT		INTEGRATED CABLE
					MIN	MAX	MIN	MAX						
					Nm	Nm	ft.lb	ft.lb		rpm	mm	in.	kg	
			in.											
A	615 165 838 0	ELRT025-P4600-10S	Sq. 3/8	Trough hole	10	25	7.4	18.4	4600	228	9.0	1.3	2.9	N/A
B	615 165 890 0	ELRT025-P4600-4Q	Hex. 1/4	Quick change chuck	10	25	7.4	18.4	4600	228	8.7	1.3	2.9	N/A
C	615 166 040 0	ELRT025T-10S-5	Sq 3/8	Trough hole	10	25	7.4	18.4	4600	255	10.0	2.6	5.7	5 meters
C	615 166 047 0	ELRT25T-10S-1	Sq 3/8	Trough hole	10	25	7.4	18.4	4600	255	10.0	2.1	4.6	1 meter
D	615 166 041 0	ELRT25T-4Q-5	Hex. 1/4	Quick change chuck	10	25	7.4	18.4	4600	249	9.8	2.6	5.7	5 meters
D	615 166 048 0	ELRT25T-4Q-1	Hex. 1/4	Quick change chuck	10	25	7.4	18.4	4600	249	9.8	2.1	4.6	1 meter
E	615 166 022 0	ELRT045-P4900-10S	Sq 3/8	Trough hole	20	45	14.8	33.2	4900	244	9.6	1.7	3.7	N/A
F	615 166 042 0	ELRT045T-10S-5	Sq 3/8	Trough hole	20	45	14.8	33.2	4900	271	10.7	3.0	6.6	5 meters
F	615 166 049 0	ELRT045T-10S-1	Sq 3/8	Trough hole	20	45	14.8	33.2	4900	271	10.7	2.5	5.5	1 meter



CABLE LENGTH	5M (16FT)	10M (32.8FT)	15M (49.2FT)	20M (65.6FT)	25M (82FT)	30M (98T)
Heavy duty thin cable	615 917 641 0					
Heavy duty extension cable	615 917 083 0	615 917 084 0	615 917 085 0	615 917 086 0	615 917 087 0	615 917 088 0*

* Please contact local Desoutter support when using top cable E-Pulse with 30M extension cable

E-PULSE



ACCESSORIES INCLUDED		PART NO.			
ITEM		ELRT25 STANDARD	ELRT45 STANDARD	ELRT25 TOP CABLE	ELRT45 TOP CABLE
1	Bail hook	467003	467003	N/A	N/A
2	Protective cover	615 211 012 0	615 211 059 0	615 211 060 0	615 211 062 0
3	Swiveling multi-position bail	N/A	N/A	615 399 184 0	615 399 185 0
4	Protective cover for suspension bail	N/A	N/A	615 211 061 0	615 211 063 0
OPTIONAL ACCESSORIES		PART NO.			
ITEM		ELRT25 STANDARD	ELRT45 STANDARD	ELRT25 TOP CABLE	ELRT45 TOP CABLE
5	Spring suspension balancer	52862	50532	50052	50052
6	Tool holster	107892	615 812 119 0	107892	615 812 119 0
7	Sleeve drive socket	See accessory catalogue			

Recommended torque measurement devices

MODEL	PART NUMBER	RANGE		ANGLE	DRIVE		INCLUDED RATCHET	LENGTH		WEIGHT	
		Nm	ft lb		mm	in.		mm	in.	kg	lb
Delta Wrench 30-A	615 165 775 0	3-30	2.21	✓	9x12	0.35x0.47	3/8	402	15.8	0.9	2.0
Delta Wrench 150-A	615 165 776 0	15-150	11.06-110.6	✓	14x18	0.55x0.71	1/2	625	24.6	1.8	4.0
Delta Wrench 150-A Short	615 165 767 0	15-150	11.06-110.6	✓	14x18	0.55x0.71	1/2	418	16.5	1.0	2.2



MODEL	PART NUMBER	TORQUE RANGE		OUTPUT
DRT5		Nm	ft lb	in.
DRT 5 Sq 25	615 165 222 0	2.5 - 25	1.84 - 18.4	Sq 3/8'
DRT 5 Sq 75	615 165 223 0	7.5 - 75	5.53 - 55.3	Sq 3/8'

MODEL	PART NUMBER	CABLE TYPE
2m (78.7") long transducer cable	615 917 430 0	Digital 10 pins
2m (78.7") long, spiral transducer cable	615 917 432 0	Digital 10 pins
5m (196.8") long transducer cable	615 917 433 0	Digital 10 pins

MODEL	PART NUMBER
DeltaQC Licensed 1 user	615 927 651 0
DeltaQC Licensed 5 users	615 927 652 0
DeltaQC Advanced 1 user	615 927 653 0
DeltaQC Advanced 5 users	615 927 654 0

MODEL	PART NUMBER	POWER REQUIREMENTS		DIMENSIONS						WEIGHT	
		BATTERY LIFE	CHARGER	DEPTH		WIDTH		HEIGHT		kg	lb
		hours	Volt	mm	in.	mm	in.	mm	in.		
Delta 6D	615 935 102 0	16	110/240	45	1.77	95	3.74	192	7.56	0.5	1.1
Delta 7D	615 935 147 0	16	110/240	45	1.77	95	3.74	192	7.56	0.5	1.1



MODEL	PART NUMBER	TORQUE RANGE		SQUARE DRIVE		COLOUR		WEIGHT	
		Nm	ft lb	in	in	inside	outside	kg	lb
DJS for DST 30 soft	615 165 577 0	30	22	3/4	3/8	Blue	Yellow	0.65	1.43
DJS for DST 30 hard	615 165 579 0	30	22	3/4	3/8	Blue	Black	0.65	1.43
DJS for DST 80 soft	615 165 584 0	80	59	1	1/2	Purple	Yellow	2.50	5.51
DJS for DST 80 hard	615 165 587 0	80	59	1	1/2	Purple	Black	2.50	5.51

More Than Productivity



www.desouttertools.com

English
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