

ELD500 PRECISION LEAK DETECTOR

edwardsvacuum.com

Edwards ELD500 fully automated leak detector has arrived. It's designed for fast, accurate leak detection in a wide range of applications and is fully mobile with an easy to use control interface. Edwards ELD500 is your perfect partner in leak detection.

- Low cost of ownership
- Customisable for any application
- Ready to go mobile solution
- High stability and accuracy



Technical data

ELD500 Leak Detector	Units	WET	DRY	FLEX
Lowest detectable helium leak rate				
Vacuum operation	mbar ls ⁻¹	≤ 5 x 10 ⁻¹²	≤ 3 x 10 ⁻¹¹	≤ 5 x 10 ⁻¹² *
Sniffer operation	mbar ls ⁻¹	≤ 7x10 ⁻⁹	≤ 7x10 ⁻⁹	≤ 7x10 ⁻⁹
Maximum measurable helium leak rate				
Vacuum operation	mbar ls ⁻¹	> 0.1	> 0.1	> 0.1
Measurement ranges	decades	12	12	12
Maximum permissible inlet pressure	mbar	15	15	15
Pumping speed during pumpdown, 50 Hz/60 Hz	m ³ h ⁻¹	2.5/3	1.6/1.8	N/A
Helium pumping speed in the fine mode	ls ⁻¹	3.1	3.1	3.1
Time constant for leak rate signal	s	< 1	< 1	< 1
Time until ready for operation	min	≤ 2	≤ 2	≤ 2
Power consumption	VA	420	350	200
Inlet flange		NW25	NW25	NW25
Dimensions (WxHxD)	mm	495x456x314	495x456x314	495x456x314
Weight	kg	40	35.5	30

* backing pump dependent

Ordering information

Product Description	Order Number
ELD500 WET, 200-240V,50/60Hz	D13510903
ELD500 WET, 100-120V, 50/60Hz	D13510904
ELD500 WET, 100-120V, 60Hz	D13510906
ELD500 DRY, 200-240V,50/60Hz	D13520903
ELD500 DRY, 100-120V, 50/60Hz	D13520904
ELD500 DRY, 100-120V, 60Hz	D13520906
ELD500 FLEX, 100-240V,50/60Hz	D13530000
ELD500 RC - Wired - Remote control	D13550100
ELD500 RC - Wireless - Remote control	D13550110
ELD500 RC - Wired - 8m extension cable	14022
ELD500 RC - Wireless - Extra transmitter	D13550130
ELD500 SL - Standard sniffer line 4m	D13550300
ELD500 SL - Extended SL Interface	D13550200
ELD500 SL - Extended sniffer line 5m	14008
ELD500 SL - Extended sniffer line 20m	14009

Product Description	Order Number
ELD500 SL - Extended sniffer line 50m	12183
ELD500 Partial flow adaptor	D13550400
ELD500 Transport Case	D13550500
ELD500 Cart without Ebox	D13550600
ELD500 SG - Helium spray gun	16555
CL-Internal calibrated leak	D13550910
CL-Cal Leak bspk. 0.5 - 1E-7. Screw Skt	D13550930
CL-calibrated leak HE 4 to 6	D13550950

Extended warranty

Product Description	Order Number
Extended warranty from 18 months to 3 yrs	EW3AA5100
Extended warranty from 18 months to 5 yrs	EW5AA5100

GLOBAL CONTACTS

Publication Number: 3601 0358 01

© Edwards Limited 2018. All rights reserved Edwards and the Edwards logo are trademarks of Edwards Limited

Whilst we make every effort to ensure that we accurately describe our products and services, we give no guarantee as to the accuracy or completeness of any information provided in this datasheet.

Edwards Ltd, registered in England and Wales
No. 6124750, registered office: Innovation Drive,
Burgess Hill, West Sussex, RH15 9TW, UK.

EMEA

UK	+44 1444 253 000 (local rate) 08459 212223
Belgium	+32 2 300 0730
France	+33 1 4121 1256
Germany	0800 000 1456
Italy	+ 39 02 48 4471
Israel	+ 972 8 681 0633

ASIA PACIFIC

China	+86 400 111 9618
India	+91 20 4075 2222
Japan	+81 47 458 8836
Korea	+82 31 716 7070
Singapore	+65 6546 8408
Taiwan	+886 3758 1000

AMERICAS

USA	+1 800 848 9800
Brazil	+55 11 3952 5000

