

ELD500 PRECISION LEAK DETECTOR

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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	ELD500	ELD500 DRY	ELD500 FLEX
Lowest detectable helium leak rate				
Vacuum operation	mbar ls ⁻¹	$\leq 5 \times 10^{-12}$	$\leq 3 \times 10^{-11}$	$\leq 5 \times 10^{-12}$ *
Sniffer operation	mbar ls ⁻¹	$\leq 1 \times 10^{-7}$	$\leq 1 \times 10^{-7}$	$\leq 1 \times 10^{-7}$
Maximum measurable helium leak rate				
Vacuum operation	mbar ls ⁻¹	> 0.1	> 0.1	> 0.1
Measurement ranges	decades	12	12	11
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
Protection class	IP	40	40	40
Dimensions (WxHxD)	mm	495 x 456 x 314	495 x 456 x 314	495 x 456 x 314
Weight	kg	40	35.5	30

* Backing pump dependent

Ordering information

Product Description	Order Number
ELD500, 200-240V, 50/60Hz	D13510903
ELD500, 100-120V, 50/60Hz	D13510904
ELD500, 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
Extension cable for remote control, 10 m	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	14008
ELD500 SL - Extended sniffer line 20m	14009

Product Description	Order Number
ELD500 SL - Extended sniffer line	12183
Partial Flow System ELD 200-240V	D13550403
Partial Flow System ELD 100-120V	D13550406
ELD500 Transport Case	D13550500
ELD500 Cart without Ebox	D13550600
Test gas spray gun, with hose	16555
Internal test leak TL7	D14023
Customizable test leak, screw-in sleeve	D14300
Test leak TL4-6 with helium reservoir	D15580

Extended warranty

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

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