

中英友科技有限公司

Partnertech Instruments International Corporation

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No. 373, Guanming 9th Road., Chubei City, Hsin-Chu, County 302 Taiwan R.O.C.

 **BOC EDWARDS**

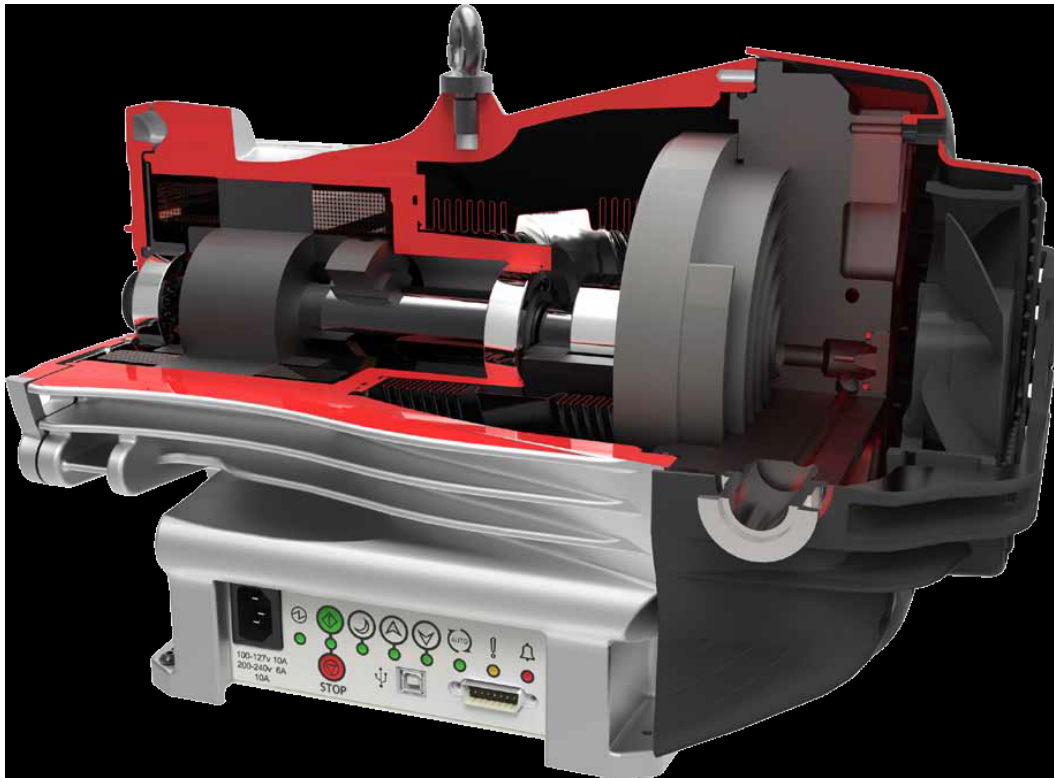
2012

EDWARDS nXDS15 i 乾式真空幫浦 (新產品發表中)

噪音值 <52 dB , 創新業界(最安靜)規格標準要求。

親愛的教授您好:

EDWARDS , 2012 年 , 推出最新產品 , **nXDS** 系列乾式真空幫浦 ,
抽氣速率 , 共有 6、10、15、20 m³/h 四款新機種 , 歡迎洽詢我們 , 謝謝!!!



nXDS15i
精彩影片介紹GO

請留下您的學校單位/姓名/聯絡電話 , 我們將會有專人幫您服務 ,
提供產品(乾式幫浦)完整採購建議書和報價單 , 給您參閱 , 謝謝!!!

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Edwards nXDS...

The great new shape of dry vacuum pumping

Edwards, a leading innovator in vacuum pump technology, is proud to present the new nXDS dry scroll pump range. With exceptional pumping capability, ultimate vacuum performance and state-of-the-art design features, Edwards nXDS is the best performing pump in its class.

The nXDS is up to 20 times quieter than other pumps. Its intelligent control functions and up to five year service interval offer low cost of ownership, making it the small dry pump of choice for today's most advanced technologies.

- Advanced scroll-form and tip-seal technologies deliver best-in-class vacuum performance
業界規格最低噪音值標準。
- Quiet operation <52 dB(A) for minimal environmental impact
- Intelligent and easy to use control functions with simple operation
五年免保養，維修費用最低。
- Up to five year service interval for low cost of ownership
- Hermetically sealed for a lubricant-free vacuum environment
抽氣速率 110、210、280、460 l/min。
- Pump range includes 6, 10, 15 and 20 m³h⁻¹

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nXDS15i Applications (nXDS15i 應用範圍)

Mass Spectrometry (質譜分析儀)

- GCMS 氣相層析儀(GC)串聯質譜儀
- LCMS 高效能液相層析儀串聯質譜儀
- ICPMS 感應耦合電漿質譜分析儀
- MALDI 介質輔助雷射脫附離子化(matrix-assisted laser desorption ionization, MALDI) ,
- RGA 殘留氣體分析儀
- Surgace Science 表面分析科學

Electron Microscopy (電子顯微鏡)

- TEM 穿透式電子顯微鏡
- SEM 掃描式電子顯微鏡
- Sample Coaters 樣品塗佈機

Sample Preparation (樣品準備)

- Gel Dryers, Glove boxes(手套箱), Rotary Evaporators(旋轉蒸發器)

Research and Development (研究與發展單位)

- Chamber evacuation(腔體抽真空應用), Sample Preparation(樣品準備之環境),
- Coaters,
- Turbo-Pump backing(可做為渦輪幫浦之前級幫浦)

High Energy Physics (高能量物理學)

- Beam Lines(電子束), Accelerators(加速器), Mobile Pump Carts(行動幫浦抽氣台車)

Industrial (光電與一般產業界)

- Gas recovery and Recirculation(氣體回收-再利用之純化裝置),
- Glove boxes(手套箱), Brake Line &
- Air Conditioning Evacuation(冷氣機製程中抽真空)

Semiconductor (半導體產業)

- Load locks(設備預抽真空裝置), Laser Evacuation(雷射蒸鍍設備),
- Backing Turbo-Pumps(可做為渦輪幫浦之前級幫浦)

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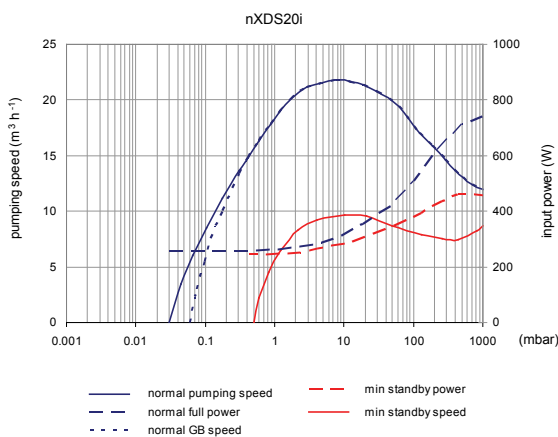
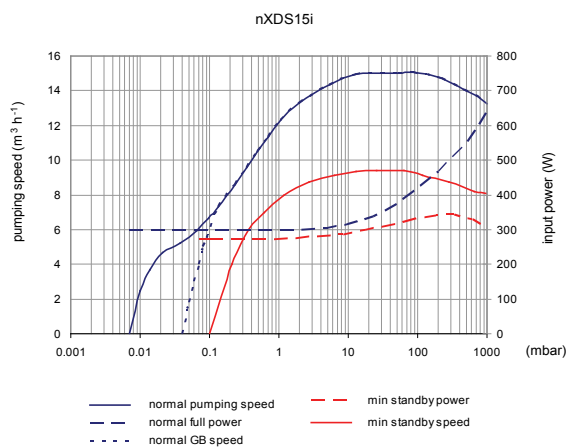
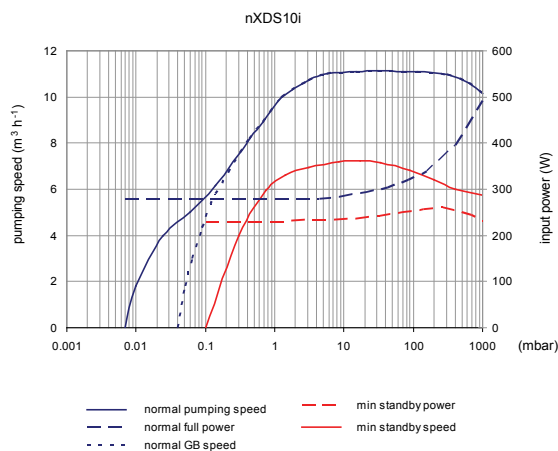
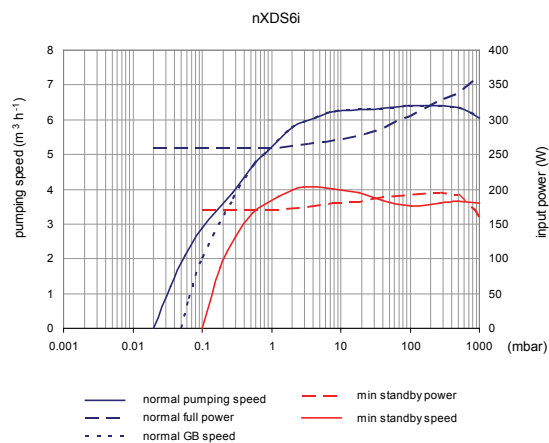
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nXDS 乾式幫浦系列--規格、技術資料：

Technical Data				
	nXDS6i	nXDS10i	nXDS15i	nXDS20i
Nominal rotational speed	1800 rpm			
Displacement	6.8 m ³ h ⁻¹ / 4.0 ft ³ min ⁻¹	12.7 m ³ h ⁻¹ / 7.5 ft ³ min ⁻¹	17.1 m ³ h ⁻¹ / 10.1 ft ³ min ⁻¹	28.0 m ³ h ⁻¹ / 16.5 ft ³ min ⁻¹
Peak pumping speed	6.2 m ³ h ⁻¹ / 3.6 ft ³ min ⁻¹	11.4 m ³ h ⁻¹ / 6.7 ft ³ min ⁻¹	15.1 m ³ h ⁻¹ / 8.9 ft ³ min ⁻¹	22.0 m ³ h ⁻¹ / 13.0 ft ³ min ⁻¹
Ultimate vacuum (total pressure)	0.020 mbar / 0.015 Torr	0.007 mbar / 0.005 Torr	0.007 mbar / 0.005 Torr	0.030 mbar / 0.022 Torr
Minimum standby rotational speed	1200 rpm			
Speed control resolution (percentage of full rotation speed)	1%			
Max inlet pressure for water vapour	35 mbar	35 mbar	35 mbar	20 mbar
Max water vapour pumping rate	110 gh ⁻¹	145 gh ⁻¹	280 gh ⁻¹	220 gh ⁻¹
Maximum continuous inlet pressure	200 mbar	200 mbar	200 mbar	50 mbar
Voltage input	100-127, 200-240 (+/-10%)			
Voltage frequency	50 / 60 Hz			
Motor power 1-ph*	260 W	280 W	300 W	260 W
Power connector 1-ph	IEC EN60320 C13			
Recommended fuse	10A, 250Vac rms			
Weight	26.2 kg / 58 lb	25.8 kg / 57 lb	25.2 kg / 56 lb	26.6 kg / 56 lb
Inlet flange	NW25			
Exhaust flange	NW25			
Noise level**	52 dB(A)			
Vibration at inlet flange	< 4.5 mms ⁻¹ (rms)			
Leak tightness (static)	< 1*10 ⁻⁶ mbar ls ⁻¹			
Operating temperature range	+10 C to +40 C / +41 to +104F			

Pumping Speed & Power Curves



Dimensions - mm (in)

Note: All variants are the same size

