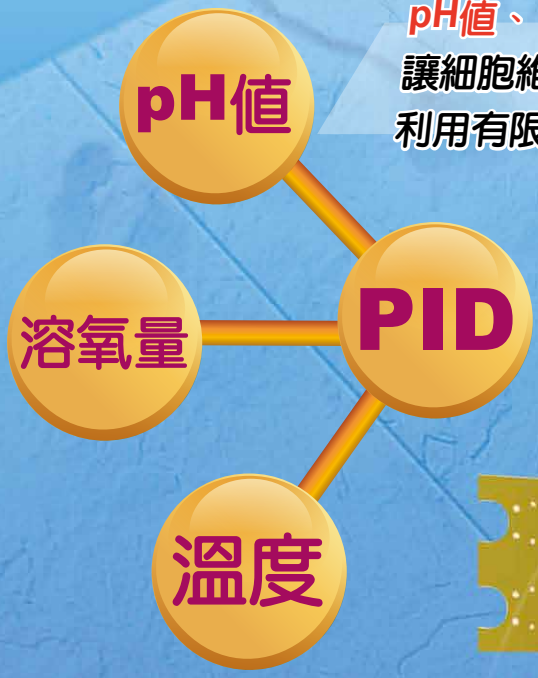
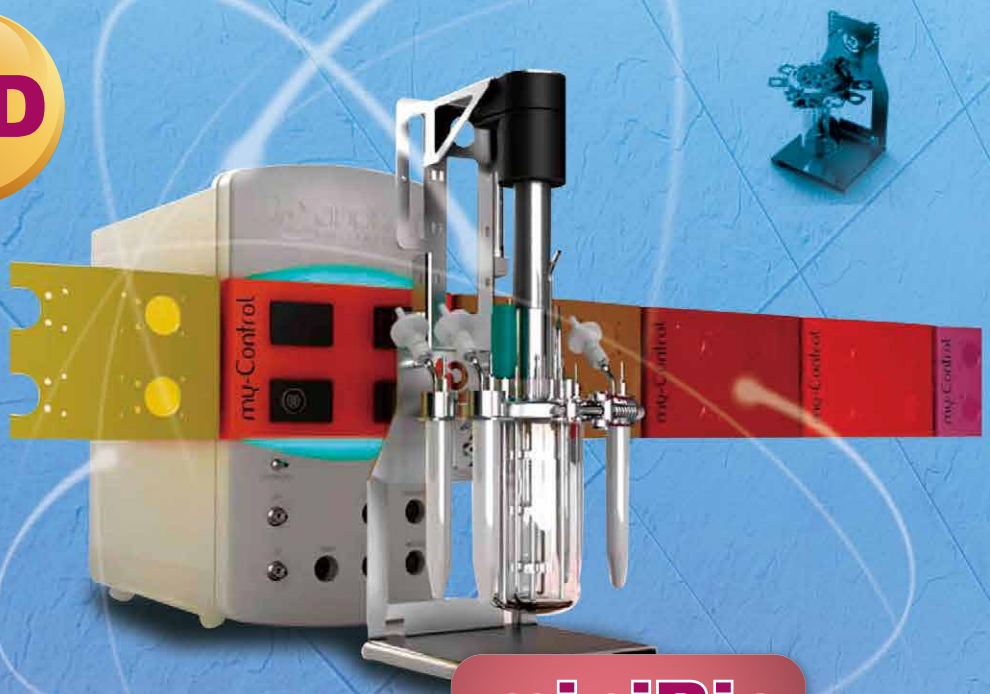
applikon®
BIOTECHNOLOGY

Applikon Bioreactors
讓細胞生長條件完全掌控

pH值、溶氧量、溫度精密調控，且PID控制參數自動調整
讓細胞維持在最合適生長的環境
利用有限空間發揮最大產能





Autoclavable bioreactor
易滅菌型生物反應器

- 2, 3, 5,7,15,20L
- 標準玻璃槽體
- 滿足所有細胞條件測試需求
- 適合產程開發，中型製程

miniBio
迷你版生物反應器

- 250ml, 500ml, 1L
- 小空間創造大量數據
- 適合早期條件測試與細胞株篩選
- 體積雖小規格不縮水

細胞與微生物實驗室皆可使用

岑祥股份有限公司www.thco.com.tw 台北02-2785-1156 新竹03-530-7592 台中04-2471-0255 高雄07-343-1735

Appliflex

拋棄式擺盪型生物反應器

10L, 20L, 50L
輕鬆放大細胞數
適合中大型產程

配備彈性市面上 第一

Specifications

	MiniBioBundle Cell Culture	MiniBioBundle Microbial	BioBundle Cell Culture	BioBundle Microbial	Appliflex BioBundle
Control system	my-Control	my-Control	ez-Control	ez-Control	ez-Control
Total Volume	250ml, 500 ml, 1000ml	250ml, 500 ml, 1000ml	1L, 2L, 3L, 5L, 7L, 15L, 20L	1L, 2L, 3L, 5L, 7L, 15L, 20L	10L, 20L, 50L
Working Volume	200ml, 400ml, 800ml	200ml, 400ml, 800ml	0.9L, 1.7L, 2.7L, 3.2L, 5.4L, 12L, 16L	0.9L, 1.7L, 2.7L, 3.2L, 5.4L, 12L, 16L	5L, 10L, 25L
Agitator	Lipsealed with marine impeller	Lipsealed with Rushton impellers	Lipsealed with marine impeller	Lipsealed with Rushton impellers	Mixing by rocking motion
Aeration	Air supply via sparger	Air supply via sparger	Air and Oxygen supply via sparger	Air and Oxygen supply via sparger and overlay	Air and Oxygen supply via overlay
Exhaust gas	Optional gas outlet	Gas outlet condenser	Gas outlet condenser	Gas outlet condenser	condenser
Sampling	Sample pipe included	Sample pipe included	Sample pipe included	Sample pipe included	Sample line included
	Sample system optional	Sample system optional	Sample system optional	Sample system optional	Sample system optional
pH	Measurement via pH sensor control via liquid alkali pump and CO_2 gas supply	Measurement via pH sensor control via liquid alkali or acid addition pump	Measurement via pH sensor control via liquid alkali pump and CO_2 gas supply	Measurement via pH sensor control via liquid alkali and acid addition pump	Measurement via pH sensor control via liquid alkali pump and CO_2 gas supply
Temperature	Measurement via Pt-100	Measurement via Pt-100	Measurement via Pt-100	Measurement via Pt-100	Measurement via Pt-100
	Heating only via heating blanket	Heating and cooling via Peltier system	Heating only via heating blanket	Heating via heating blanket cooling by cold water in heat exchanger	Heating only via heating blanket
Dissolved Oxygen	Measurement via DO_2 sensor control via Air and O_2 gas supply	Measurement via DO_2 sensor control via Air supply and agitation speed	Measurement via DO_2 sensor control via Air and O_2 gas supply	Measurement via DO_2 sensor control via Air and O_2 supply and agitation speed	Measurement via DO_2 sensor control via Air and O_2 gas supply
Foam	Option	Measurement via Foam sensor control via anti-foam addition pump	Option	Measurement via Foam sensor control via anti-foam addition pump	Option
Level	Option	Option	Option		Option
Liquid additions	4 fixed in topplate and 1 septum port	4 fixed in topplate and 1 septum port	3 ports in triple inlet and one inoculum port.	3 ports in triple inlet, one inoculum port 1 and septum port.	One inoculum and alkali inlet
	One liquid storage system included	Two liquid storage systems included	One liquid storage system included	Three liquid storage systems included	One liquid storage system included
Start-up kit	Included	Included	Included	Included	Included
BioXpert Lite software	Included	Included	Included	Included	Included

只要您想得到的配備組合，
皆可為每位客戶量身訂做！