



INTRODUCING ... THE



PARTENERSHIP

Alpha Technologies is pleased to announce a partnership with Applikon for the Ireland and N.Ireland markets.

Applikon is a world leader in Bioprocessing/Fermentation in the Scientific and Industrial fields and has a large installed base in Ireland.

The single use APPLIFLEX and High Throughput MICROBIOREACTOR complements the extensive range of Glass/SS traditional Bioreactors.

LABORATORY BIOREACTOR SYSTEMS

- **AUTOCLAVABLE GLASS BIOREACTORS**
 - RANGING IN SIZE FROM 1 TO 20 LITERS,
 - HEADPLATES MADE OF 316L STAINLESS STEEL,
 - VESSELS CAN BE USED UP TO 0.5 BAR (7.25 PSI) OF OVERPRESSURE.
- **AUTOCLAVABLE STAINLESS STEEL**
 - AVAILABLE IN 20, 70 AND 110 LITER TOTAL VOLUME,
 - HEADPLATES ARE MADE OF 316L STAINLESS STEEL,
- **LABORATORY STAINLESS STEEL STEAM IN PLACE**
 - RANGING IN SIZE FROM 7 TO 20 LITERS,
 - THE DISHED BOTTOM VESSELS AND HEADPLATES ARE 316L STAINLESS STEEL.





- **THE APPLIFLEX SINGLE USE BIOREACTOR**

- **BIOREACTOR MADE OF STEDIM 71 FILM.**
- **THE BAG AND SENSORS (PH, DO, T) ARE DESIGNED FOR SINGLE-USE.**
- **APPLIKON CONTROLLERS REGULATE PH, DO, T, RPM.**



- **HIGH THROUGHPUT FERMENTATION AND CELL CULTURE DEVICE**

- **24 CONTROLLED BIOREACTORS ON 1 MICROTITER PLATE,**
- **GROW SPECIFIC BIOMASS UNDER WELL-CHARACTERIZED STATES,**
- **RAPIDLY IDENTIFY OPTIMAL CULTURE CONDITIONS FOR EXPRESSION OF TAGGED PROTEINS AND COMPLEXES,**
- **RAPID SCALE-UP TO OBTAIN NECESSARY PROTEIN SAMPLES,**
- **EXPRESS INTACT PROTEIN COMPLEXES,**
- **GROW MICROBIAL CELLS IN NONSTANDARD CONDITIONS.**

