

PROTO 06 W SOFTWARE FOR ISOLATED ORGANS

LF0842A

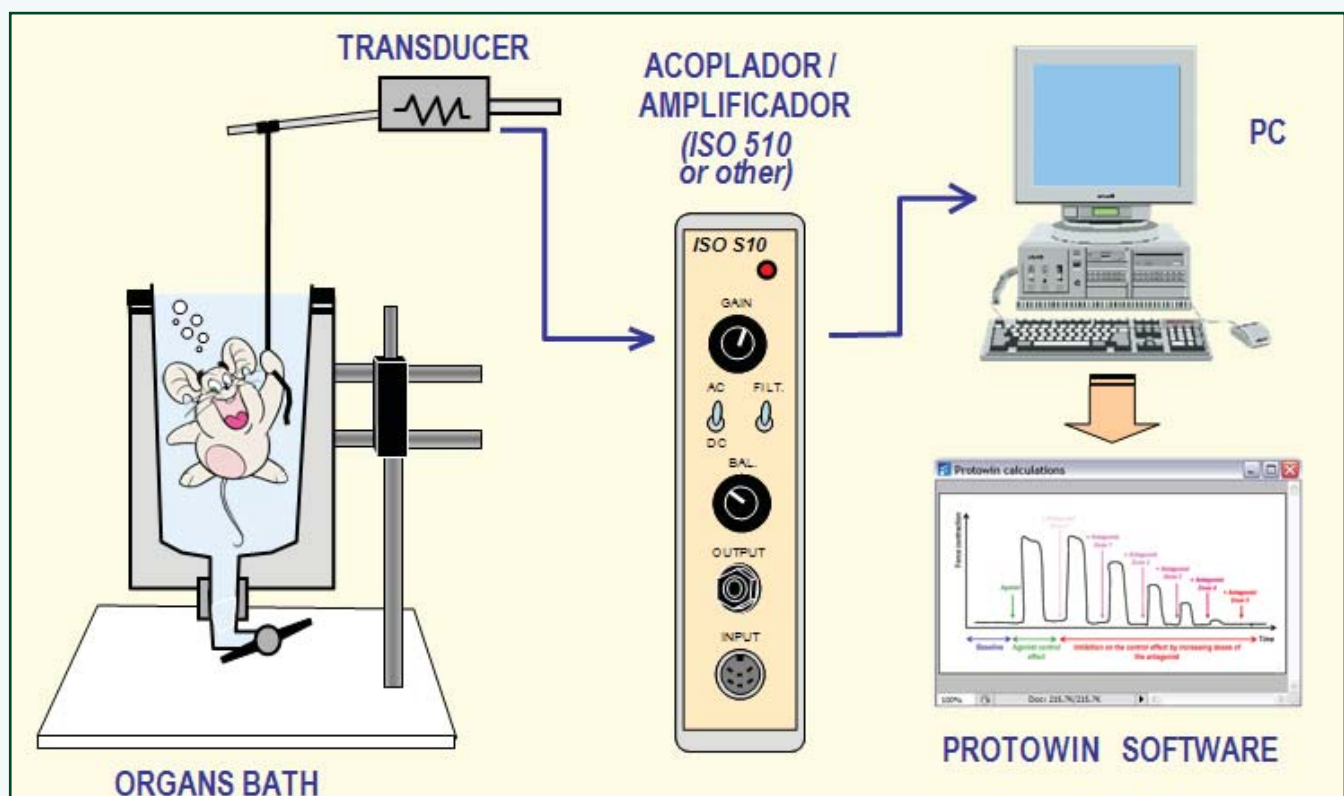
PROTO 06 W is a PC Software for data acquisition in isolated tissue experiments. It is a very powerful tool saving the user time and effort in the awkward calculations involved in this research.

Its interactive design conception makes it very easy to use and its extensive features make it an essential tool for teaching and research.

GENERAL SPECIFICATIONS

CHANNELS:	1 to 8 tissue chambers
FREQUENCY:	Choice of 1 to 100 samples/second
UNITS:	Mol, $\mu\text{g/ml}$, mg/ml , $\mu\text{g/bath}$, mg/bath
EVENT MARKER:	28 different events, with text predefined by the user
ALARMS:	20 warning sounds, with or without message, appearing once or cyclically
FILES:	Save-read an entire experiment (the whole configuration and acquired data) or just one channel

- Graph printing speeds from 0.01 to 100 mm/sec. in steps of 1, 2.5, and 5 on matrix (EPSON) or LaserJet (HP) printers
- Separate data for up to 16 possible channels
- Help included in the program
- Simple, intuitive and guided channel calibration and balancing process

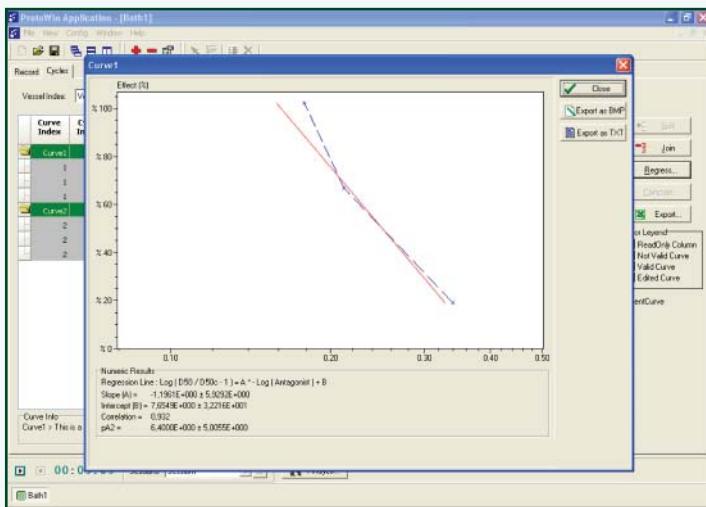


DATA ACQUISITION

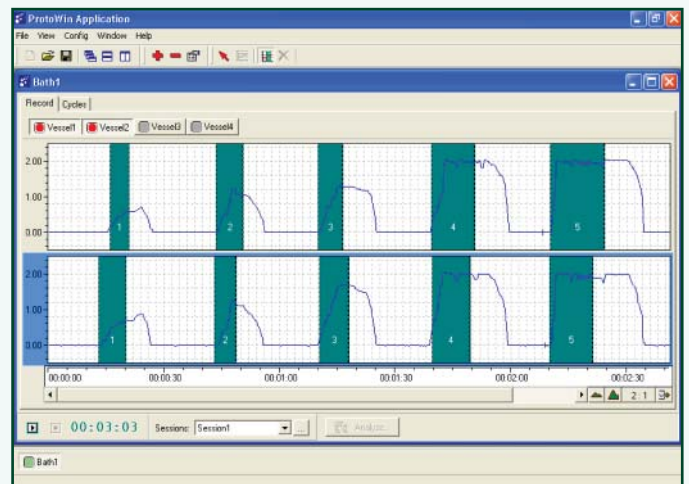
- Simultaneous or independent start-stop for each channel (tissue).
- Overall baseline or independent baseline for each channel
- View graphs in sets of four or one by one (see graph A).
- Independent adjustment of full scale range, time axis and offset for each channel.
- Independent base–maximum plot for each point.
- Definition of base-maximum points compared to their corresponding areas (see graph B).
- Back-up copy in case of accidental computer shutdown.

RESULTS

- 50 points per channel
- Different curves for each tissue. Each curve has an associated text.
- DE-50% calculation and DR-Plot graph with correlation parameters and confidence margins.
- Multiple plot graphics to study parallelism.
- PA2 and Schild Plot calculation



Graph A



Graph B

Curve Index	Cycle Index	Concentration		Contraction			Cycle Interp.	Dose Type	Curve Type	Draw Curve
		M	M	Experience	% Max.	% Est.				
Curve3	1	6.4000E+000	6.4000E+000	7.2549E-001	50,00	51,58	36,27	Differential	No Max	<input type="checkbox"/>
	2	1.2800E+001	1.2800E+001	1.1569E+000	79,73	76,58	57,84	Differential	No Max	<input type="checkbox"/>
	3	2.5600E+001	2.5600E+001	1.4510E+000	100,00	101,58	72,55	Differential	Max	<input type="checkbox"/>
Curve4	4	5.1200E+001	5.1200E+001	1.3725E+000	68,63	72,22	68,63	Differential	No Max	<input type="checkbox"/>
	5	1.0240E+002	1.0240E+002	1.9020E+000	95,10	87,91	95,10	Differential	No Max	<input type="checkbox"/>
	6	2.0480E+002	2.0480E+002	2.0000E+000	100,00	103,59	100,00	Differential	Max	<input type="checkbox"/>

MINIMUM SYSTEM REQUIREMENTS

- Microsoft Windows 98, Me, 2000 or XP
- Minimum screen resolution 800 x 600, 1024 x 768 recommended
- Free PCI slot
- 256 MB RAM, 512 MB for Windows XP
- 10 Mbytes for program installation
- 200 Mbytes for data acquisition (depending on number of channels, sampling rate and acquisition time used)
- CD-ROM reader. CD-ROM or DVD recorder recommended

Panlab, S.L.U.
C/ Energia,112
08940 Cornellà (Barcelona)
Spain

International Calls: + 34 934 750 697
National Calls: 934 190 709
Fax: + 34 934 750 699
www.panlab.com
info@panlab.com

Distributed by: