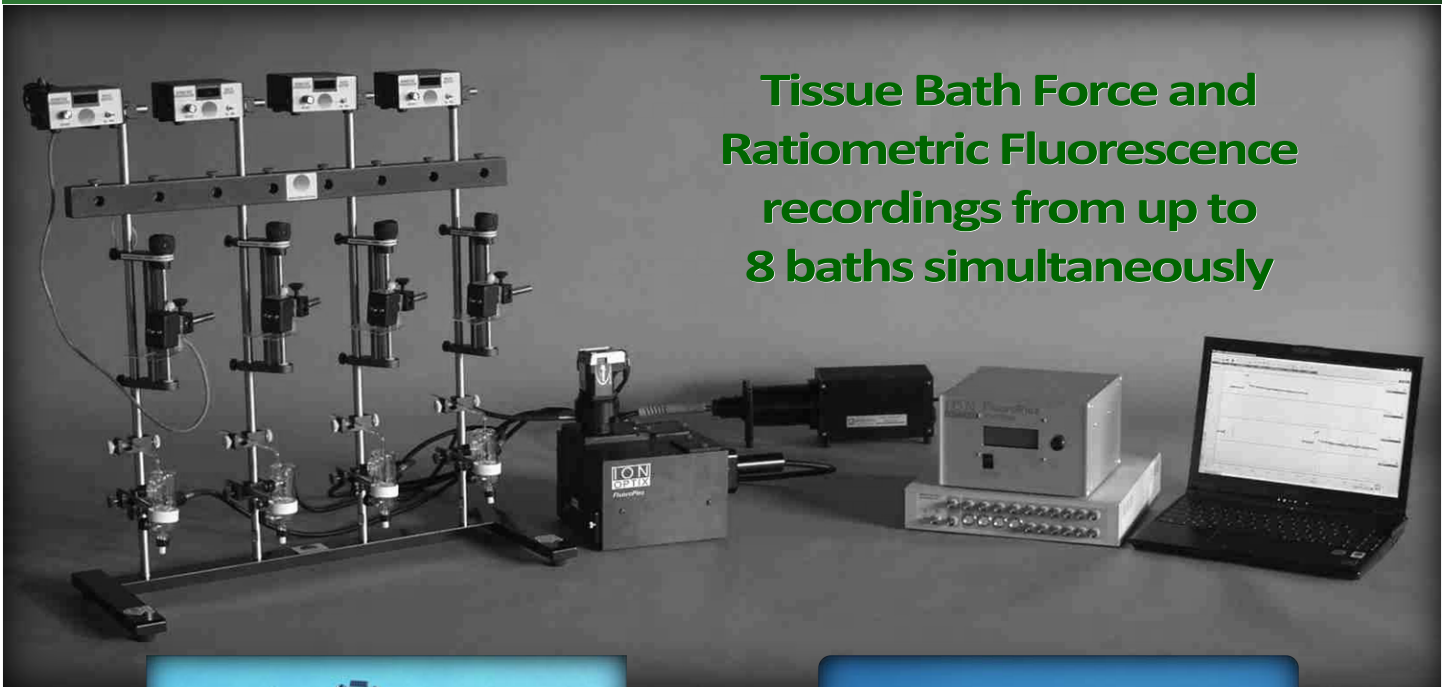




IonOptix FluoroPlex

Tissue Bath Force and
Ratiometric Fluorescence
recordings from up to
8 baths simultaneously



FluoroPlex MultiPlexer



Light Guide and Tissue Bath Coupling

In collaboration with:



Radnoti Glass Technology Inc.

IonOptix LLC 309 Hillside Street, Milton, MA 02186, USA T: 1-617 696-7335 F: 1-617 698-3553
IonOptix Ltd 1a Dartmouth Ter., Ranelagh, Dublin 6, IRL T: +353 1 685 4800 F: +353 1 443 0784

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FluoroPlex (cont.)



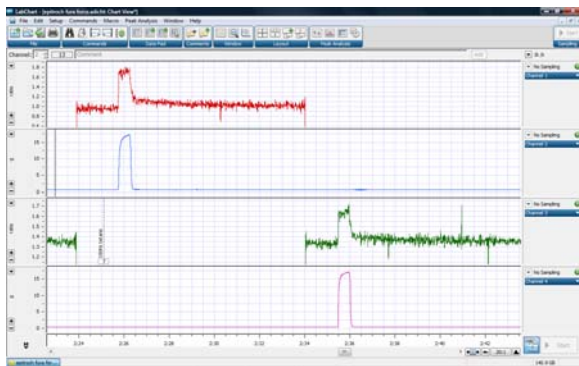
Complete systems for fast quantitative fluorometry:

“Burst mode”

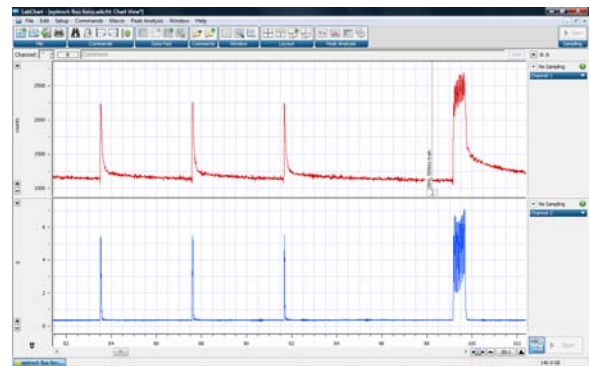
- 250 ratios/second
- 1000 recordings/second from single excitation dyes
- Ideal for skeletal muscle

“Continuous mode”

- 10 ratios/second from 8 baths simultaneously
- Ideal for aortic rings and other smooth muscle preps



Ca²⁺ (Fluo) & Force recording from a single muscle bath.



Ca²⁺ (Fura) & Force recording from two muscle baths.

Data courtesy of Anthony Payne & Tom Clanton (UF-Gainesville)



“The Barn” — IonOptix Headquarters in Milton, Massachusetts

Company History

IonOptix makes quality ratiometric fluorescence and cell dimensioning data acquisition systems. We have been making reasonably priced, high performance systems since 1990.

IonOptix prides itself on post-sale customer support. Telephone and email support is available on an unlimited basis. More importantly, every system sale includes a one to two day installation visit to set up the system and train the customer. We consider this training to be critical as it gets the customer up and running as quickly as possible. We run experiments with your preparations during the visit to be assured that all technical issues particular to the experimenter's preparations have been covered.

Resellers

Our good friends at Cairn Research are currently our only resellers. They sell our components in conjunction with their fluorescence and electrophysiology systems.



Cairn Research

www.cairn-research.co.uk

Authorized Representatives

In efforts to afford this high level of service to all our customers, IonOptix has entered into agreements with local representatives in several countries. The representatives have been chosen based on their technical and biological expertise, familiarity with our products, and on their customer service skills.



Primetech
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