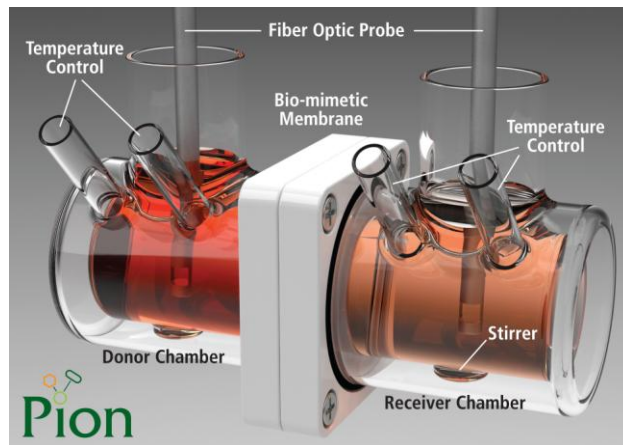




## Pion Launches the $\mu$ FLUX™ - A Novel Dissolution–Permeability Apparatus

January 14, 2014—The  $\mu$ FLUX™ is Pion's latest addition to the  $\mu$ DISS Profiler™, a fiber optic UV based *in situ* monitoring system. Its novel design allows users to conduct simultaneous dissolution–permeability assays. This type of experiment, previously very difficult and time consuming to perform, allows the user to immediately evaluate the absorption potential of an API or formulation by monitoring *in situ* concentration on both sides of a biomimetic membrane.

Pion's Director of Science & Research, Dr Konstantin Tsinman, said, " $\mu$ FLUX™ add-on to  $\mu$ DISS Profiler™ combines all benefits of *in situ* concentration monitoring with dissolution– permeability studies. Such combination provides a unique insight into dissolution/solubility and permeability interplay of complex formulations and allows predicting outcome of pharmacokinetic studies more accurately."



### About Pion Inc.

*Pion Inc.* develops and manufactures instrumentation for compound testing in pharmaceutical R&D. These include high-precision fiber optic-based analytical instruments for solubility and dissolution measurements, as well as complete systems for permeability (PAMPA), solubility, and ionization. Additionally, Pion provides CRO services for solubility, permeability, dissolution,  $pK_a$ , lipophilicity testing, and excipient screening.

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**Contact Us:** For more information, please visit [www.pion-inc.com](http://www.pion-inc.com), call us at +1-978-528-2020 (x22), or send us an email at [sales@pion-inc.com](mailto:sales@pion-inc.com).