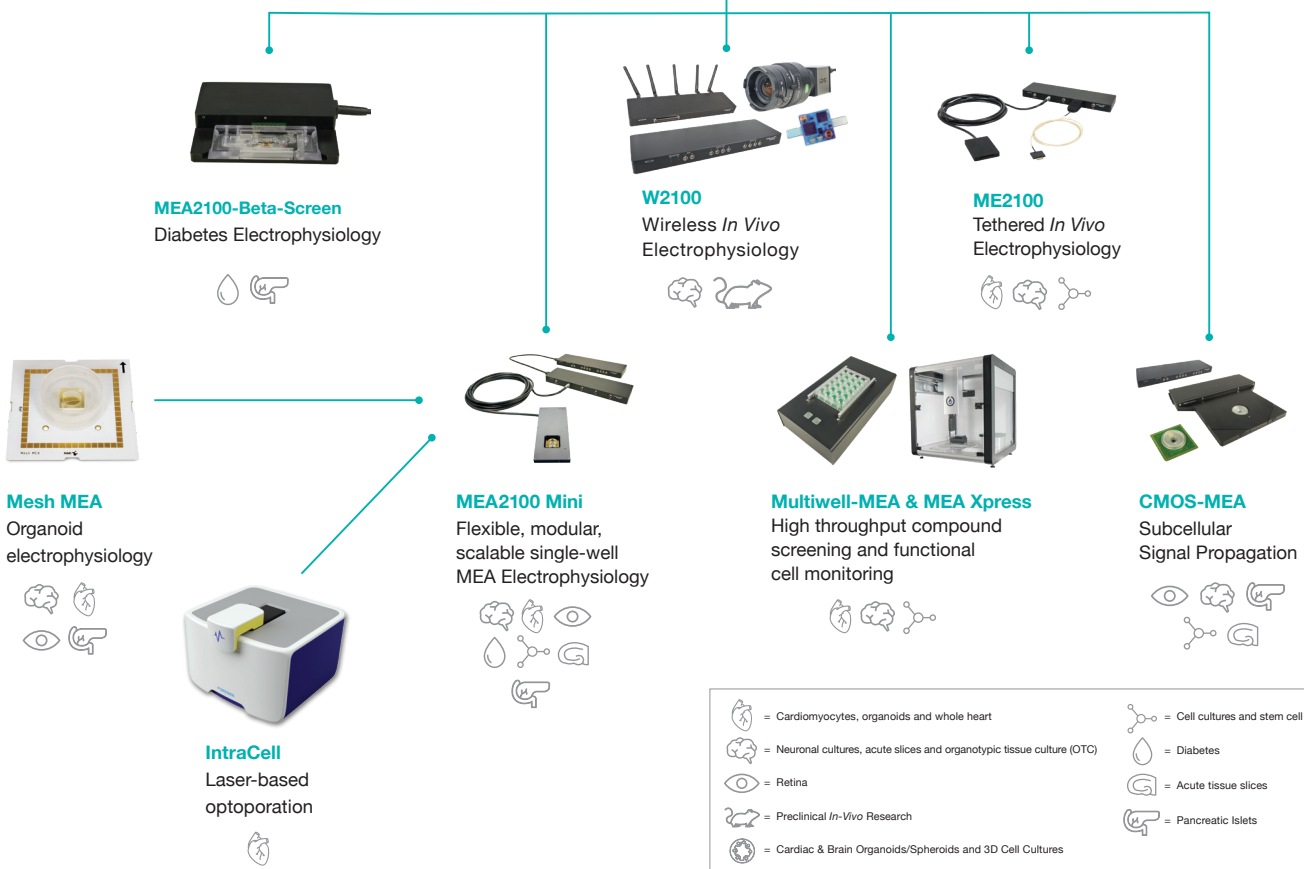


IFB-C Interface Board

The Modular Solution for Flexible Recording Configurations.

The IFB-C Interface Board represents an interface, engineered to integrate effortlessly with the MEA2100 Mini, MEA Multiwell, MEA Xpress, CMOS MEA5000, MEA2100 Beta Screen, ME2100, W2100 Receiver as well as the Mesh MEA and IntraCell.










The adaptable system offers cost-effective and versatile configurations, empowering researchers to utilize a single interface board across multiple recording systems. It allows a seamless transition between *in vitro* and *in vivo* experiments, tailored to meet your unique research requirements.



Key Features

- **Ultimate Flexibility:** The IFB-C is the only solution worldwide that allows you to record single-well MEA, multi-well MEA, CMOS, Wireless and Tethered *In Vivo* in one modular setup.
- **16 Boot Images for Modular Compatibility:** Operates all MCS MEA devices – no matter if it is *in vivo* or *in vitro*.
- **Real-Time Signal Detection and Feedback:** Equipped with a freely programmable signal processor for precise real-time data handling.
- **Low Noise Data Processing:** Low noise data processing with up to 50 kHz sampling rate.
- **High Digital Integration & Synchronization Options:** Includes various digital in- and outputs. The TTL integration makes synchronization with third party systems possible.
- **Raw data access & extension options:** Direct access to the raw data via our DLL and synchronization of 2 or more IFBs possible (quartz clock sync).

Allows research on:

 = Cardiomyocytes, organoids and whole heart	 = Cell cultures and stem cell applications
 = Neuronal cultures, acute slices and organotypic tissue culture (OTC)	 = Diabetes
 = Retina	 = Acute tissue slices
 = Preclinical <i>In-Vivo</i> Research	 = Pancreatic Islets
 = Cardiac & Brain Organoids/Spheroids and 3D Cell Cultures	

Ready to learn more?

Contact Multi Channel Systems to learn more about the opportunities of cost-effective combinations with the IFB-C for your research setup today!



Multi Channel Systems
Multi Channel Systems MCS
GmbH
Aspenhastrasse 21
72770 Reutlingen Germany

Sales:
sales@multichannelsystems.com
Technical Support:
support@multichannelsystems.com
Web:
multichannelsystems.com

Americas
Tel: (+1) 833 668 8632
Europe, Middle East, Africa
Tel: (+49) 7121 909 2525
Asia Pacific
Tel: (+86) 21 6226 0239