lifecanvas technologies
Illuminating life like never before

EASYCLEAR

One Box for All Your Passive Clearing Needs.

SIMPLE

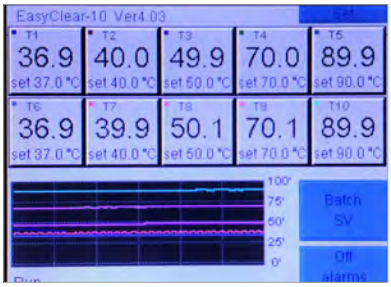
Easy temperature control (20–90°C) with touch screen interface. No more evaporation and contamination problems caused by bulky water baths, incubators and shakers.

FAST

Optimal shaking speed (0–60rpm) with precise temperature control and tilting angle adjustments (0–22°) to speed up tissue processing significantly compared to traditional water baths that have no shaking functions.

COST-EFFICIENT

Ability to process up to 10 samples simultaneously at different temperature points (20–90°C). Talk about saving expensive water baths and shakers, not to mention bench space!



IDEAL FOR:

- Lipid removal and optical tissue clearing steps in CLARITY (Nature, 2013), SWITCH (Cell, 2015), MAP (NBT, 2016).
- Tissue staining.
- Any buffer washing.

EASYGEL

Tissue Gel Hybridization System.

RELIABLE

Consistent and complete vacuuming/N_2 purging is ensured with vacuum valves that are connected to each sample tubes.

SIMPLE

All-in-one system makes designing your experiment easy with independent and integrated temperature control and shaking speed adjustments.

COST-EFFICIENT

No need for expensive nitrogen gas tanks and high power pumps. All you need is a house vacuum to uniformly gel up to 8 samples at the same time.

IDEAL FOR:

Tissue-gel hybridization in CLARITY (Nature, 2013) and MAP (NBT,2016)*

*MAP (Nature Biotechnology, 2016) requires N_2 purging

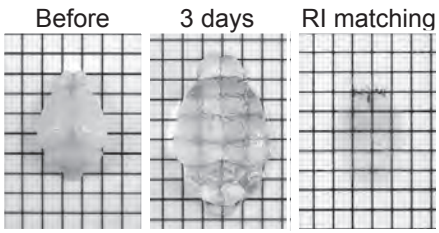
EASYINDEX

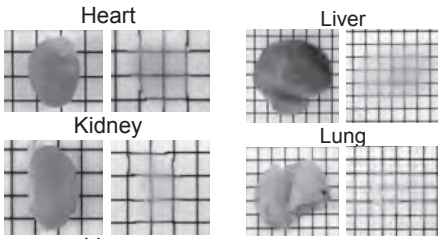
Optical Clearing Solution.

Our 500ml bottle can be used for up to 12 whole mouse brains or 200+ 1 mm-thick tissue sections! With our early adopter and academic lab discount EasyIndex is the most economical option guaranteeing best RI matching results (RI=1.46).

IDEAL FOR:

- Cleared tissues using CLARITY-based methods and others
- Immunolabeled tissues





SMARTCLEAR II SYSTEM

BUFFERS

The Eco-Friendly Duo.

SAVE TIME, MONEY, SAMPLES, AND THE EARTH

Our 2nd-generation buffers allow you to process up to 5–10 samples (vs. 1 sample for the old buffer) over the span of 10 days (vs. 1–2 days for the old buffer). In addition, it prevents tissue browning, bubble formation, and tissue damage. This new buffer system will substantially save your time, money, and samples while protecting the environment to boot!

INFO@LIFECANVASTECH.COM
LIFECANVASTECH.COM

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