

# A New Standard in Tissue Microarray Construction

MicaArray Gen 4.0 Kit Includes:

- ✓ MicaArray TMA instrument
- ✓ A 1.0mm x 96 TMA hole-template
- ✓ A 1.0mm coring needle set (One donor and one recipient Needle)
- ✓ A MicaArray ergonomic coring needle handle assembly
- ✓ A paraffin donor block silicone casting mold



# MicaArray



MicaArray Gen 4.0 is a complete and simple to use manual template based system to construct high quality tissue microarrays at a fraction of the cost of automated systems.

## MicaArray Gen 4.0

Finally, a low cost, high quality, TMA that outperforms anything on the market today! Precision engineered using the latest advances in 3D printing. All at a fraction of the cost of competing instruments. This is a completely modular system that allows users to switch template guides from 0.6mm to 3.0mm core sizes.

**MICATU**  
www.micaarray.com

## MicaArray Needle

Frustrated by poorly designed coring needles? Micatu designed its TMA coring needle system using an ergonomically developed "low stress" handle and advanced engineering methods for replaceable needles.



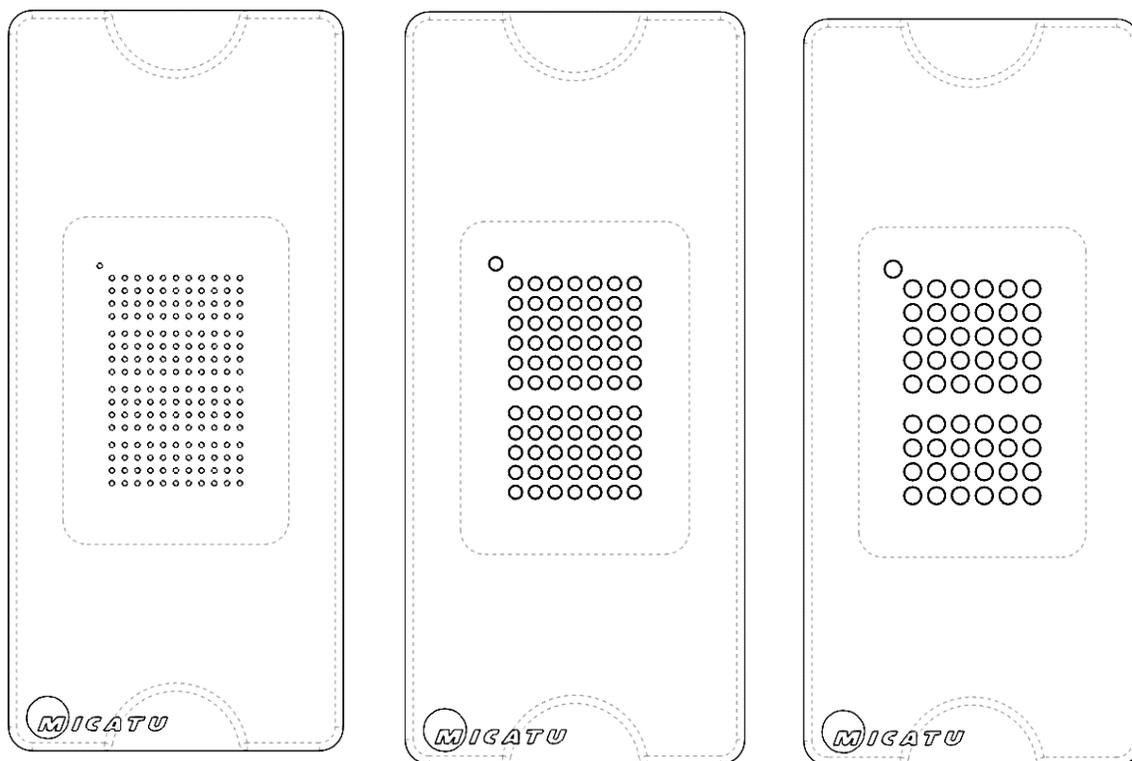
## MicaMold

Micatu listened carefully to countless histologists and came up with a very durable and practical TMA mold for casting paraffin blocks. Simply pour, place cassette in mold and let cool.



# Exclusive **Modular** Template and Needle System

## 0.6mm, 1.5mm, and 2.0mm core sample sizes



### Modular Template System

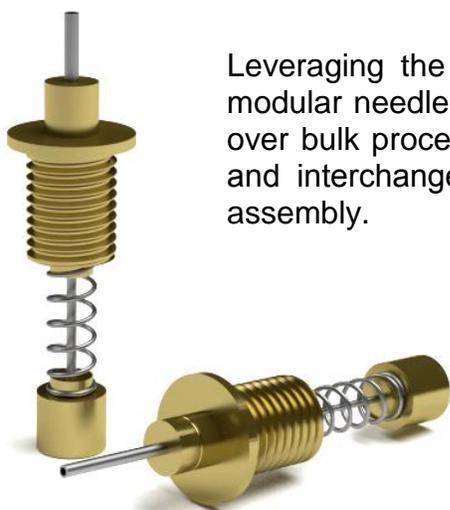
The simplicity and accuracy of the MicaArray instrument lies in the engineering behind the coring needle template. Rigorously tested and validated by several histology labs, the MicaArray modular template ensures accuracy of each core to  $\pm .005$ ". This results in a higher quality TMA at a rate rivaling or faster than automated machines. Pictured above is the .6mm, 1.5mm and 2.0mm template system.

**MicaArray**

**MicaArray is an exclusively licensed National Cancer Institute technology patented by Dr. Stephen Hewitt, MD, PhD, Clinical Investigator, NCI/NIH.**

### Modular Needle System

Leveraging the latest advances in precision engineering, the Micatu modular needle system is a cost effective, highly precise improvement over bulk process coring needles. Easily changeable, highly accurate and interchangeable with any Micatu ergonomic "low stress" handle assembly.



**For More Information:**

[www.micaarray.com](http://www.micaarray.com)

**1-888-705-8836**

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