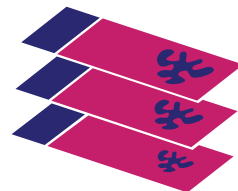


TMA GRAND MASTER

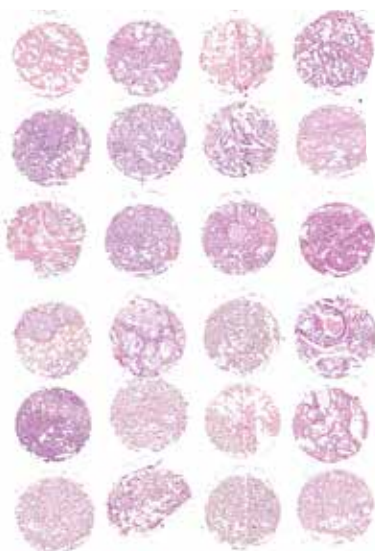


3DHISTECH

*Solution resides in the details*

## TMA GRAND MASTER

The tissue microarray (TMA) technique can be used as a valuable, high-throughput diagnostic method. By being able to place up to several hundred different samples into one paraffin block, TMA brings major economies in time, quality and costs of tissue preparation, staining and slide preparation. The real advantages of tissue microarrays cannot be achieved when done manually, though.



Welcome the TMA Grand Master, the latest in the 3DHISTECH tissue microarray hardware portfolio! The TMA Grand Master not only retains the benefits of the TMA Master but it also elevates the tissue microarray workflow to a new level.

With its high capacity, high speed and new features it is finally possible for the TMA technique to enter the clinical pathology workflow.

## FEATURES

### World's highest capacity: 72 blocks

- 60 donor blocks at the same time
- 12 recipient blocks

### 4 core diameters

- 0.6 mm max. 558 cores
- 1 mm max. 286 cores
- 1.5 mm max. 135 cores
- 2 mm max. 84 cores

### World's fastest microarrayer: 10 seconds per core!

- Simultaneous loading, imaging, drilling and punching

### Smart automation

- Automatic block and virtual slide matching, even remotely via CaseCenter
- Automatic block height measurement and section number prediction based on core volume
- Automatic donor block image, barcode image, and project data saving into Excel file
- Automatic core extraction for molecular analysis: cost effectiveness on all levels

**Sample designation by donor block image or by using local or remote Panoramic digital slides and standard image formats.**



## SPECIFICATIONS

Capacity	Up to 12 recipient blocks Up to 60 donor blocks
Core diameter	0.6, 1, 1.5, 2 mm
Donor block image recording	Yes
Use of MRXS digital slide for sample designation	Yes
Import from other slide or image formats	Standard image formats, SVS, NDP
Barcode reading	1D and 2D
Data export	XLS
Dimensions, cm (W x D x H)	80 x 50 x 46
Weight, kgs	48 kg

Production and development by

**3DHISTECH LTD.**  
 Konkoly-Thege Miklos st. 29-33., Bldg. 6.  
 H-1121 Budapest, Hungary  
 Phone: +36-1-392-2274 Fax: +36-1-392-2723  
 Info: info@3dhistech.com www.3dhistech.com



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