

IVD solutions through partnership



# **MAST** ISOPLEX<sup>®</sup> MD12

Compact tube scanner  
for the fluorescence analysis



- Isothermal amplification
- Stand alone system
- Touchscreen surface
- Barcode reader

# MASTISOPLEX<sup>®</sup> MD12

The **MASTISOPLEX<sup>®</sup> MD12** is an easy-to-use instrument for the fluorescence analysis of isothermal amplification with nucleic acids. The measuring system is extremely sensitive, robust and ideal for smaller laboratories or for special analyses in larger laboratories. The fluorescence detector, which is based on modern microsystem technology and state-of-the-art LED and filter technology, includes 4 detection filters.

**MASTISOPLEX<sup>®</sup> MD12's** workflow is easy and flexible, capable of testing a single specimen or batch testing up to 12 tests at a time.

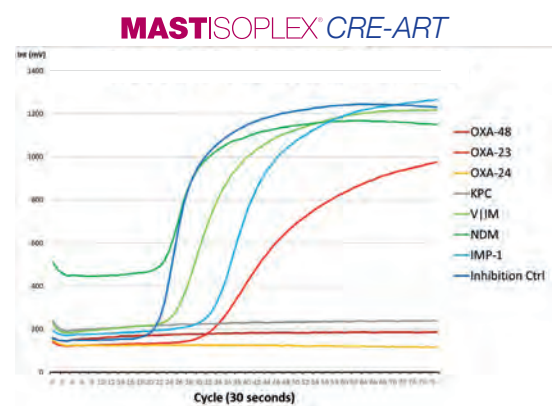
**MASTISOPLEX<sup>®</sup> MD12** offers an intuitive, touchscreen interface with guided operation and customizable settings. The instrument possesses four USB ports, bar code technology, an external printer (option), and LIS connectivity. Results are reported on the screen, stored in the instrument and further can be handled via data output.

## Technical Data:

<b>Size (L x B x H)</b>	240 x 240 x 150 mm
<b>Weight</b>	Approximately 4 kg (8.8 lb.)
<b>Tubes</b>	Up to 12 PCR tubes (200 µL)
<b>Data entry</b>	Interactive 17.8 cm (7 inch) touchscreen
<b>Filter</b>	470/520; 520/570; 625/680; 365/460
<b>Heating/cooling system</b>	Peltier heating/cooling
<b>Temperature accuracy</b>	±0.2°C (45°C), ±0.4°C (64°C), ±0.7°C (90°C)
<b>Noise</b>	<55 db(A)
<b>Connections</b>	<ul style="list-style-type: none"> <li>• 4 x USB, Ethernet, plus optional WLAN and Bluetooth<sup>®</sup></li> <li>• Data entry via touchscreen, barcode</li> <li>• Multiple assays per run (same conditions mandatory)</li> <li>• User access control</li> <li>• Full traceability of results</li> <li>• LIS connectivity</li> </ul>

## Ordering Information:

Order Code 75MD12



Tests completed!					
1	Cre...sec OXA-48	Negative	5	Cre...sec VIM	Positive
2	Cre...sec OXA-23	Positive	6	Cre...sec NDM	Positive
3	Cre...sec OXA-24	Negative	7	Cre...sec IMP-1	Positive
4	Cre...sec KPC	Negative	8	Cre...sec IC	Positive

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