

MaikoCycler®



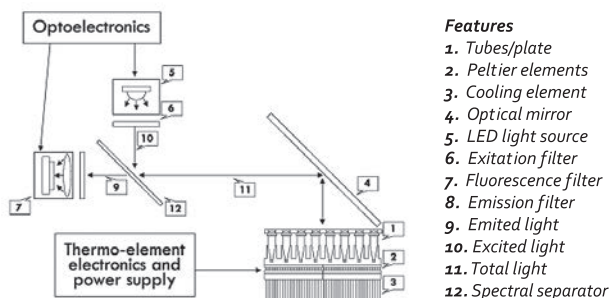
A new instrument for real-time amplification and melting analysis suitable both for research studies as well as for diagnostics applications. Two thermoelectric Peltier elements ensure high accuracy of temperature regulation and noiselessness.

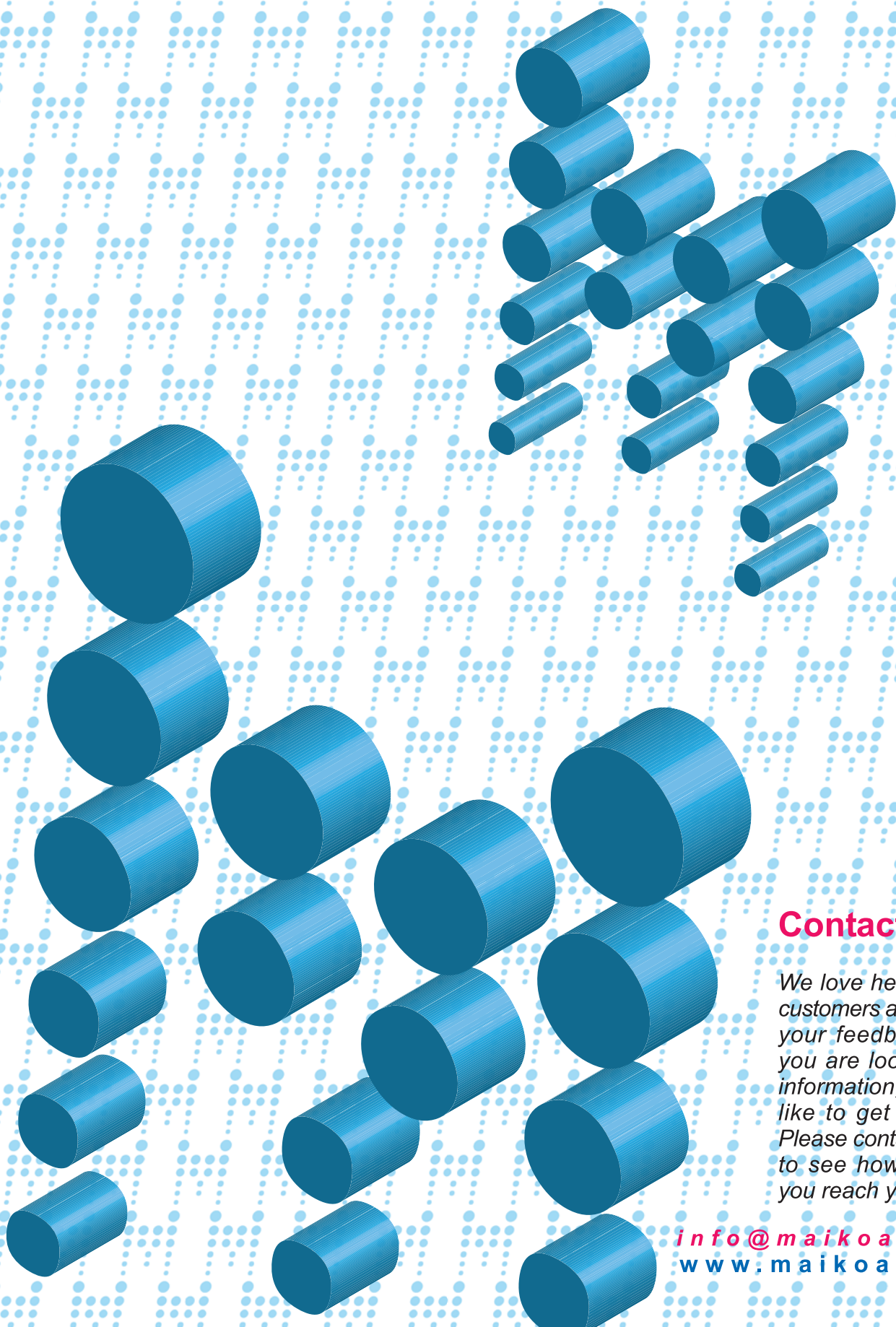
The unique design and project of the thermal block allows loading and unloading of test samples in a completely automated software-controlled way.

Features

1. 4 or 5 channels multiplexing for discrimination of up to five targets in a single reaction well*
2. Strong flexibility thanks to the 96-well format suited for standard PCR microplates, test tubes and strips
3. Possibility to use tubes with different heights with regulation of the matrix block
4. Optimal signal/noise ratio and absence of crosstalk ensured by the unique design of the optical track including a separate
5. light source for each channel and a matrix CCD camera
6. Wide dynamic range of detection using multiple exposure method, which leads the optimization of signal registration conditions to a whole new level, greatly simplifying or even eliminating the need for fluorescence settings
7. Main applications are Real-Time quantitation, single nucleotide polymorphisms (SNPs) genotyping, melting curve and gene expression analysis
8. Instrument comes with the most used Maikoarray protocols already installed in the software minimizing possibility of error during programming.

* the standard device has four channels. The fifth channel is optional and must be requested by the customer.





Contact Us

We love hearing from our customers and we do value your feedback. Whether you are looking for more information, or you would like to get a free quote. Please contact us by email to see how we can help you reach your objectives.

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