

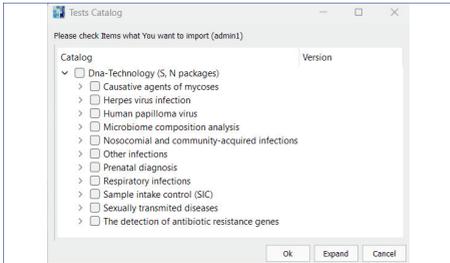


## **DTprime II**

**The new generation of DTprime II Real-Time PCR Systems  
has improved characteristics and expanded functionality**



## Multifunctional DTmaster Software to analyze the results

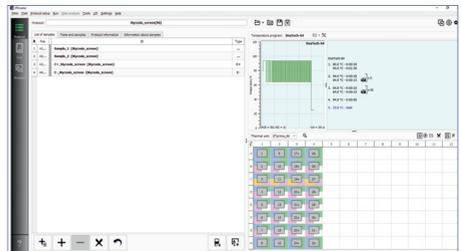
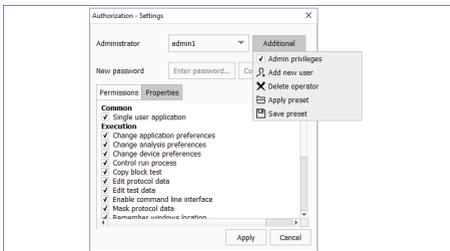


### Modular software

The software consists of the core and an additional modules corresponding to reagent kits are produced by DNA-Technology

### Custom exposure setting

The exposure value is adjusted once in the test parameters and then performed automatically. There is no need to change the instrument's factory exposure settings

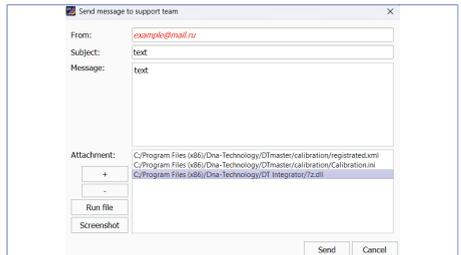
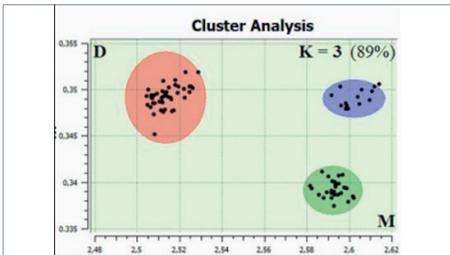


### Setting up access rights

The software allows you to set up access restrictions for users, which prevents unauthorized changes to program parameters or tests

### Visual interface

All modes are conveniently located in a single program window, with the ability to scale fields



### High-Resolution Melting Curve Analysis (HRM)

HRM is used to search for unknown polymorphisms, perform SNP genotyping, methylation analysis and GC composition of DNA. Results can be exported as graphs, reports, and Excel files

### Convenient technical support

The software has a built-in function for sending a message to technical support directly from the program window with a description of the error, a log, and a screenshot

## Specification DTprime II

Instrument	DTprime II			
Sample capacity (wells)	96	96	96	384
Version	M1	M3	M6	X1
Temperature zones	1	3	6	1
Temperature gradient in 2 directions	yes	–	–	–
Maximum value of the gradient, °C	10	–	–	–
Maximum temperature difference between sections, °C	–	±10	±10	–
Increment	temperature/ time			–
Compatible consumables	200 µl tubes (individual or strips), 96-well plates			384-well plates
PCR-mix volume (recommended)	10-100 (10-50) µl			5-20 µl
Built-in barcode scanner	optional			yes
Number of detection channels	4, 5 or 6			
Heating/cooling method	Peltier			
Temperature range, °C	0-100			
Temperature accuracy, °C	±0.2			
Temperature uniformity, °C	0.3			
Maximum/ average heating rate, °C/s	5.0 / 4.0			
Maximum/ average cooling rate, °C/s	3.6 / 2.5			
Excitation/ detection source	LED / CMOS			
Range of excitation / emission wavelengths, nm	FAM 450-470/500-530 HEX 520-540/550-570 ROX 565-595/605-635 Cy5 620-640/650-670 Cy5,5 677-697/716-746 FRET 450-470/605-635			
Remote access by Internet, local network connection	yes			
Warranty	24 months			
MAX power consumption, W	1100			
Dimensions, weight	210x538x540 mm (WxDxH), 28.4 kg			



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