

NEW

Mic – Magnetic Induction Cyclers for qPCR/Real-time PCR



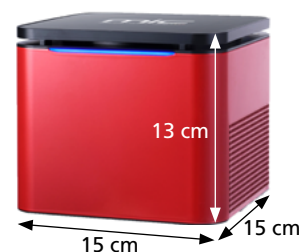
Smart, Small, Safe and Accurate – Profit from these Benefits!

▶ Smart and Expandable

- ▶ The Mic runs with an innovative and easy-to-understand software
- ▶ Multiple Mic's can be wirelessly connected via Bluetooth
- ▶ Mic can be connected to many other devices

▶ Small and Easy – Mic is a Space-Saving Real-time PCR Cycler

- ▶ Mic takes up less space on the bench than your lab book
- ▶ Most portable compact qPCR cycler on the market and weighing in at just 2 kg



▶ Safe and Accurate – All Mikrogen Real-time PCR Assays are Validated on the Mic

- ▶ Assay templates for our whole *ampliCube* and *alphaCube* product portfolio available
- ▶ Excellent reproducibility between samples and repeatability between runs and instruments ensures the highest level of quantification precision
- ▶ The Mic saves time in your lab – no calibration and no programming with our Mikrogen templates necessary

Mic Specifications

Function/Software	Real-time PCR (qualitative and quantitative analysis functions), genotyping, melt curve analysis, high-resolution melt analysis (HRM-add-on is available at additional cost)							
4 Channels	Green		Yellow		Orange		Red	
	Ex. 465 nm	Em. 510 nm	Ex. 540 nm	Em. 570 nm	Ex. 585 nm	Em. 618 nm	Ex. 635 nm	Em. 675 nm
Electrical	AC Input		100 - 240 VAC, 50/60 Hz					
Thermal Performance	Temperature Accuracy		± 0.25°C					
	Temperature Uniformity		± 0.05°C					
	Ramp Rates		Heating: 4°C/s, Cooling: 3°C/s					
Optical	Detectors		Photodiode per channel					
	Excitation Sources		High energy light emitting diode per channel					
	Acquisition Time		1s					
Reaction Vessel	Samples per Instrument		48					
	Reaction Volume Range		10 - 25 µl					



Convince yourself of our high-quality products and our wide product range

Respiratory Infections	Green	Yellow	Orange	Red	Art. No.	rxn
ampliCube Respiratory Bacterial Panel 1	Chlamydia pn.	Mycoplasma pn.	Legionella spp.	Int. Contr. (IC)	50101	50
ampliCube Respiratory Bacterial Panel 2	Bordetella pertussis	Bordetella parapertussis	Bordetella holmesii	Int. Contr. (IC)	50111	50
ampliCube Respiratory Bacterial Panel 3	Streptococcus pn.	Staphylococcus aureus	Haemophilus influenzae	Int. Contr. (IC)	50121	50
ampliCube Respiratory Bacterial Panel 4	Moraxella catarrhalis	Klebsiella pn./oxytoca	–	Int. Contr. (IC)	50131	50
ampliCube Respiratory Viral Panel 1	Influenza A	Influenza B	Influenza A H1N1	Int. Contr. (IC)	50102	50
ampliCube Respiratory Viral Panel 2	Parainfluenza 1-4	Bocavirus	–	Int. Contr. (IC)	50112	50
ampliCube Respiratory Viral Panel 3	Parachovirus	Metapneumovirus	RSV (A,B)	Int. Contr. (IC)	50122	50
ampliCube Respiratory Viral Panel 4	Rhino-/Enterovirus	–	Adenovirus	Int. Contr. (IC)	50132	50
ampliCube Respiratory Viral Panel 5	Influenza A	Influenza B	RSV (A,B)	Int. Contr. (IC)	50152	50
ampliCube Coronavirus Panel	Corona MERS	–	Coronavirus	Int. Contr. (IC)	50142	50
Sexual transmitted Infections	Green	Yellow	Orange	Red	Art. No.	rxn
ampliCube STD Panel 1	Chlamydia trachomatis	Neisseria gonorrhoeae	Mycoplasma genitalium	Int. Contr. (IC)	50301	50
ampliCube STD Panel 2	Trichomonas vaginalis	Mycoplasma hominis	Ureaplasma urea./parv.	Int. Contr. (IC)	50302	50
ampliCube STD Panel 3	HSV 1/2	Treponema pallidum	–	Int. Contr. (IC)	50303	50
Gastrointestinal Infections	Green	Yellow	Orange	Red	Art. No.	rxn
ampliCube Gastrointestinal Bacterial Panel 1	Campylobacter	Salmonella	Yersinia enterocolitica	Int. Contr. (IC)	50001	50
ampliCube Gastrointestinal Bacterial Panel 2	VTEC (STX1+2)	Shigella/EIEC	ETEC	Int. Contr. (IC)	50011	50
ampliCube Gastrointestinal Viral Panel 1	Norovirus (GI+II)	Rotavirus	Adenovirus	Int. Contr. (IC)	50002	50
ampliCube Gastrointestinal Viral Panel 2	Sapovirus	–	Astrovirus	Int. Contr. (IC)	50012	50
Hepatitis E	Green	Yellow	Orange	Red	Art. No.	rxn
ampliCube HEV 2.0 Quant	Hepatitis E Virus	–	–	Int. Contr. (IC)	55002	50
Tropical Fever	Green	Yellow	Orange	Red	Art. No.	rxn
ampliCube Zika Virus	Zika Virus	–	–	Int. Contr. (IC)	57801	50
alphaCube Tropical Fever 1	Chikungunya Virus Yellow Fever Virus	Int. Contr. (IC)	Dengue Virus 1-4	Zika Virus	830563 / 830564	96 / 32
Tick Borne Infections	Green	Yellow	Orange	Red	Art. No.	rxn
alphaCube Babesia	Babesia	Int. Contr. (IC)	–	–	830525 / 830526	96 / 32
alphaCube Borrelia	Borrelia	Int. Contr. (IC)	–	–	830527 / 830528	96 / 32
alphaCube Ehrlichia	Ehrlichia (Anaplasma)	Int. Contr. (IC)	–	–	830533 / 830534	96 / 32
alphaCube Q-Fever	Coxiella burnetii	Int. Contr. (IC)	–	–	830555 / 830556	96 / 32
alphaCube Rickettsia	Rickettsia	Int. Contr. (IC)	–	–	830574 / 830575	96 / 32
alphaCube TBE	Tick Borne Enceph. Virus	Int. Contr. (IC)	–	–	830519 / 830520	96 / 32
alphaCube TBE/WNV	Tick Borne Enceph. Virus	Int. Contr. (IC)	West Nile Virus	–	830568 / 830569	96 / 32

Article No.

31154

Mic, Magnetic Induction Cycler for qPCR/Real-time PCR, 4-Channel, incl. Software

31181

Mic Tubes and Caps (unit: 960)

31182

Mic Loading Block