



## Real View

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### Details Info

#### Features:

Real-time size fractionation and recovery of nucleic acids

runVIEW is an innovative new system which can be used to maximise the efficiency of DNA recovery from EtBr and SYBR stained gels by minimising the number of steps involved in postelectrophoretic purification. runVIEW consists of a multi Horizontal™ MHCHOICE system with bluVIEW lid, containing an orange spectral emission filter within its viewing pane, and a base unit with integrated power supply and blue LED gel illuminator.

Simple DNA recovery

Using runVIEW is simple: first, cast a gel featuring two rows of wells with one matching pair of the preparatory combs supplied, before transferring the blue-light transparent gel tray to the MHCHOICE tank located on the base unit. Add sufficient buffer just to cover the gel, and remove the combs to load the DNA samples into the upper row of wells ('Loading' tier). Replace the lid to connect the MHCHOICE tank to the integrated power supply before applying the voltage and switching on the blue LED gel illuminator. Watch through the bluVIEW lid's

viewing pane as the samples migrate in real-time to the second row of wells ('extraction' tier).

Once the DNA bands of interest enter the 'extraction' tier, simply stop the power supply, remove the lid and harvest the DNA by pipette. Track DNA without harmful UV. Blue light is safe and has none of the detrimental effects of UV transillumination, including mutagenesis which can compromise cloning efficiency, while runVIEW's capacity to provide real-time visualisation of electrophoresis enables DNA to be tracked as it migrates through the gel. This allows the user to judge precisely when the band of interest is ready for extraction.

Save on time-consuming gel elution techniques. Running DNA into a well containing buffer effectively purifies the DNA of agarose, eliminating the need for time-consuming gel excision and purification techniques that also result in

sample loss. Once harvested, the DNA needs only to be cleaned by a straightforward ethanol precipitation when it is ready for further digestion or ligation.

No expensive commercial gels. runVIEW works with standard EtBr, SYBR Green and SYBR Safe gels cast within the 15x7, 15x10 or 15x15cm MSCHOICE gel trays, and therefore does not require expensive precast gels and accessories.

A self-contained system. The base unit, which houses the in-built power supply and blue LED gel illuminator, is compact, dual-voltage and portable, and allows electrophoresis, gel visualisation and extraction to be performed at the bench, without the inconvenience of having to transport gels to a darkroom elsewhere within the laboratory.

## Ordering Information:

AC-RVACCHOICE7	runVIEW system complete with 15 x 7cm gel tray & 2 x 1 sample, 2 x 2 sample, 2 x 4 sample, 4 x 28MC sample 1mm combs
AC-RVACCHOICE10	runVIEW system complete with 15 x 10cm gel tray & 2 x 1 sample, 2 x 2 sample, 2 x 4 sample, 4 x 28MC sample 1mm combs
AC-RVACCHOICE15	runVIEW system complete with 15 x 15cm gel tray & 2 x 1 sample, 2 x 2 sample, 2 x 4 sample, 4 x 28MC sample 1mm combs
AC-RVACCHOICETRIO	runVIEW system complete with 15 x 7cm, 15 x 10 & 15 x 15 gel tray & 2 x 1 sample, 2 x 2 sample, 2 x 4 sample, 4 x 28MC sample 1mm combs
AC-RVBSBVLID	runVIEW base station & bluVIEW lid.
AC-RVGELDOC	runVIEW gel Documentation hood with 10MP camera
AC-RVGELDOACYS	runVIEW gel Documentation hood with camera, Laptop & 1D Analysis Software
AC-RVLID1	runVIEW bluVIEW lid - Orange (Et Bromide)
AC-RVLID2	runVIEW bluVIEW lid - Amber (runSAFE)
AC-RVHOOD	runVIEW VIEWING HOOD
RVGELDOC-F1	Orange Filter for runDOC (Ethidium Bromide)
RVGELDOC-F2	Amber Filter for runDOC (runSAFE)
AC-CAMCHARGER	Optional mains charger cable for 12.1MP camera
AC-RACVTATION	runSTATION complete with AC-RVGELDOC & AC-RVACCHOICETRIO
AC-RVGDCOMPLETE	RVGDCOMPLETE includes RVGELDOACYSTEM and RVACCHOICETRIO
RVGELDOC-F1	Orange filter for ETBR
RVGELDOC-F2	Amber filter for SYBR and runSAFE
AC15-1/2-1	Comb 1 & 2 sample, 1mm thick
AC15-4/10MC-1	Comb 4 & 10MC sample, 1mm thick
AC15-20/28MC-1	Comb 20 & 28MC sample, 1mm thick
AC15-4/2M-3	Comb 4 sample 2 Marker, 3mm thick
AC15-6/2M-3	Comb 6 sample 2 Marker, 3mm thick
AC-RVBLED-MOD	Replacement blue light module, includes: <b>MMPCB-BLUE-LED-MTX-V3-1 (blue light LED)</b> and <b>PPL-20-SI-L37-5-2M (silicone heat dispersion pad)</b>

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