VWR®
We Enable Science

VWR® mySPEC MICROVOLUME SPECTROPHOTOMETER



Small samples, big results

Gold standard performance with improved user interaction for microvolume spectrophotometry

Spectrophotometry, the next generation

The VWR mySPEC series of spectrophotometers represent the next step in microvolume measurement instrumentation.

For microvolume concentration and purity measurements

Combining gold standard detection technology with new levels of user interaction and data analysis, results are quicker to obtain and processing of samples more robust than ever before. Available with microvolume and cuvette capabilities, controlled with either laptop or onboard touch screen, the mySPEC is the new system of choice for the busy and modern life science laboratory.

- Requires just a 1 µl sample
- No cuvettes needed – just pipette, measure then wipe
- Large dynamic range from 2 ng/µl to 15 µg/µl (dsDNA) puts an end to error prone dilutions and calculations
- Complete spectral range (190 – 840 nm)
- 'Twin' versions combine microvolume and cuvette functions including temperature control (30 – 40 ^{0}C) and stirrer
- Stand alone 8,4'' touch screen versions available
- Fully certified and manufactured according to ISO 9001





mySPEC (right) uses external PC control, while the mySPEC Touch (left) uses a space saving touch screen.

Precision and speed - just pipette, measure and wipe!

Pipette 1 µl of sample with the help of the ingenious pipetting aid then simply close the arm and mySPEC's Auto Action function generates an optical sample column, analyses and processes the results in seconds while the system's LEDs indicate a successful sample run. Obtain full spectral data within 5 seconds. Either directly from just 1 µl of sample or from a cuvette, if needed.

mySPEC - more technology, more options

Perform measurements on nucleic acids and proteins from only the tiniest sample volume. Determine cell densities or enzymatic activities optionally from a cuvette. Define your own analysis method for colorimetric assays or individual dyes.

Ingeniously clever system control:

- 'Auto Start' function for speeding up workflow
- Pipetting aid makes sample loading even simpler
- Feedback LEDs for operation control
- Automated data analysis after user-defined purity settings



Pre-configured modules allow fully automated data analysis for a large variety of different applications including:

- Concentration and purity of RNA and DNA including oligos and probes
- Protein measurements (A280, Bradford, Lowry, BCA, Pierce 660)
- Determination of labelling efficiencies, e.g. for microarray experiments
- Colorimetric assays on enzymatic activities
- Cell density measurements

Ordering information

VWR mySPEC and mySPEC Twin: External PC control.
VWR mySPEC 'Touch' versions: Stand-alone.

Four models to choose from

Model	Description	Cat. No.
mySPEC	Microvolume spectrophotometer, external laptop/PC* control. USB cable and software included.	732-2533
mySPEC Twin	Microvolume spectrophotometer including cuvette capability, external laptop/PC* control. USB cable and software included.	732-2535
mySPEC Touch	Microvolume spectrophotometer controlled by an integrated 8,4" touch screen PC.	732-2534
mySPEC Twin Touch	Stand-alone microvolume spectrophotometer including cuvette capability controlled by an integrated 8,4" touch screen PC.	732-2536

*Not included in delivery.

Calibration fluid for mySPEC instruments

Pk	Cat. No.
0,5 ml	732-2537

For more information on our extensive range of products for spectrometry visit vwr.com or contact your local VWR sales office.

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For Life Scientists

OUR EXCLUSIVE PROGRAMME FOR YOUR SUCCESS IN
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