

Kjeltec™ 9 Analyser comparison

Is it time to upgrade your old Kjeltec™? Get an overview of the features and benefits of upgrading to a Kjeltec™ 9 Analyser



ANALYTICS BEYOND MEASURE



Comparison

	Kjeltec™ 8400	Kjeltec™ 9 Analyser
Safety door	Automatic safety door reduces the risk of operator accidents.	Automatic safety door reduces the risk of operator accidents. The door can also be detached, making it easy to clean.
Pump	Pumps reduce the risk of contact with chemicals.	Pumps reduce the risk of contact with chemicals. Predict when your instrument needs service thanks to wear data logging.
PCB protection	PCB takes place in an open environment. This means that fumes can corrode the instrument over time.	PCB takes place in a sealed box. This means that no fumes get into the box and the risk of corrosion is avoided.
Cooling condenser	Cooling water temperature is up to 25 degrees.	Cooling water temperature is up to 30 degrees. A wider spectrum of water temperature provides better cooling efficiency.
User interface	Simple TFT display with only a few functions. The touch screen function is less sensitive than modern screens.	Intuitive, easy to use interface with multiple functionalities. Includes a step-by-step maintenance guide and a modern touch screen.
Tube adapter	Made of a hard material that is difficult to squeeze back together after cleaning.	Made of a softer material that is easier to reassemble after cleaning.
Troubleshooting	None. Only an error code is provided.	Troubleshooting hints are provided to help you fix problems on the spot based on instructions. This ensures high uptime and fewer breakdowns.
Traceability	No way to track what you have performed.	Track all data from operations and change of settings. Improve documentation, clear SOP, audit tracks, archive errors and save time in workflow.
Safety standards	Compliant with required safety standards.	Updated to ensure compliance with the latest and highest safety standards.
Burette accuracy	2,4 micro liter per step.	1,2 micro liter per step. Higher resolution leads to more accurate measurement
Measuring range	Up to 200 mg nitrogen.	Up to 210 mg nitrogen.
Color Titration	Predefined color – defined by user.	Automatic end point color enables standardized end color for the entire lab.
LED calibration	Performed on request by an engineer.	Automatic calibration means that no manual adjustments are needed, and that overall performance is more robust.
Titration vessel cleaning	No	Optional titration vessel cleaning makes it easy to handle many different sample types.
Level and color calibration	Manual	Supervised automation. Easy to use for operators who are only required to initiate start calibration and confirm calibration values.

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Remote support	No	Link Diagnostic remote service ensures increased uptime.
Notification service	No	Option to set up real-time notifications in the case of error. This frees up staff to do other jobs while analysis is running.
FossAssure report	No	Provide a full overview of instrument health status.
Sample matching	No	Automatic matching of samples measured by the Kjeltec™ 9 Analyser and a benchtop analyser. Results are saved automatically via cloud to eliminate risk of error and secure optimal performance.
In-built FTP and direct LIMS connection	No	Automatic transfer of laboratory data to LIMS systems.
Component wear data logging	No	Predict when your instrument needs service.

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