

Worldwide flexibility and mobility with the business class!



DR LANGE

LASA 100: The specialist

Whether for routine or individual applications, LASA 100 is the top performer that can satisfy every requirement: For the whole range of Dr. Lange cuvette tests® – naturally with integrated barcode reader – or for measurements with specific user methods. With LASA 100, every work step is simple and convenient. All shapes of cuvettes as well as concentrations with factor and linear and nonlinear calibration curves are possible – LASA 100 is equipped for every non-standard application. For applications that go beyond everyday requirements, only LASA 100 will suffice!



LASA 100, the specialist for:

All Dr. Lange round and rectangular cuvette tests. Trace measurements are also child's play. In addition, LASA 100 makes special applications possible, such as turbidity and colour number measurements.

LASA 50: The professional

The LASA 50 provides maximum convenience for routine applications in sewage treatment plants and industry. Thanks to the integrated barcode reader (IBR), the whole range of round cuvette tests for approximately 70 parameters can be evaluated directly without any need for prior selection. The LASA 50 is your trusted partner for varied and routine applications.



LASA 50, the professional for:

All Dr. Lange round cuvette tests in sewage treatment plants and industry. This means about 70 parameters, including innovative tests such as TOC, BOD, COD, AOX, etc.

LASA 30: The cost-effective starter model

LASA 30 makes starting up easy. Users who do not need more than 2 wavelengths will find that LASA 30 satisfies all their needs. Whether round or rectangular cuvettes, LASA 30 is simple to handle in a laboratory environment or battery powered on site. Moreover, it is designed to allow the use of customer-specific measurement wavelengths and programmed user methods.



LASA 30, the starter model for:

- Building material inspectors (chloride, sulphate, etc.)
- Health supervision authorities (chlorine, ammonium, etc.)
- Furniture manufacturers (formaldehyde, etc.)
- Breweries (beer colour, etc.)
- Pipeline network managers (chlorine, nitrate, etc.)
- Electroplating plants (bath monitoring, etc.)
- Detergent manufacturers (surfactants, etc.)

and many more.

The new LASA generation: The right configuration for everyone!

The new LASA generation is part of the Dr. Lange system for sophisticated routine analysis. Developed in line with the latest concepts, it is especially suitable for water, wastewater and environmental analysis. The Dr. Lange cuvette tests® are optimally designed for the new LASA models LASA 30/50/100.

The major differences	LASA 100 LPV 357	LASA 50 LPV 378	LASA 30 LPV 382
LangeNET® and data terminal	●	●	●
Optional battery operation	●	●	●
With barcode reader IBR	●	●	
Reference beam technique	●	●	●
Automatic zero balancing	●	●	●
Dr. Lange cuvette test®	●	●	●
Dr. Lange pipette test	●		●
User methods can be programmed	●		●
Measured value memory 100 values	●	●	●
Automatic wavelength setting	340, 440, 480, 535 588, 605, 695, 800	340, 440, 480, 535 588, 605, 695, 800	none
Extra filters can be used	●		●
Absorption measurement	●		●
Transmittance measurement	●		●
Measurement of concentration with factor	●		●
Linear calibration curves can be plotted	●		●
Non-linear calibration curves can be plotted	●		
Dilution factor input	●		
Comment input	●		
Date and time display	●	●	●
RS-232 interface	●	●	●



LangeNET®

An instrument update in just a few minutes? This is already reality for the new LASA generation. The key to this globally unique solution is LangeNET®. Whatever the time of day and wherever you may be, with the integrated data terminal and the LangeNET® system you can call the Dr. Lange Call-Centre and download the data for the latest cuvette generation. The time consuming wait for a new E-Prom to arrive via normal mail is thus a thing of the past.



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