



CarL

Complete automation of *recomLine* strip assays from sample preparation to result



Key features

- **Walk-Away:** Full automation from sample to scanning
- **Safe:** Barcode identification and LIS connectivity
- **Convenient:** Integrated drying, 44 strips in one run
- **Flexible:** Combination of all assays with the same sample incubation time
- **Space saving:** Integrated camera for scanning
- **Minimised dead volume:** To save precious reagents
- **No cross-contamination:** Disposable tips for sample preparation
- **Minimal maintenance:** No daily start up routine and pump calibration required by user
- **Liquid level detection:** Pressure sensing technology for samples and reagents
- **User-friendly:** Guided operation via touch screen
- **Multi CarL Option:** Manage three CarL systems via one PC
- **Tip Management:** Tip picking starts at position according to usage of previous run

CarL Specifications

Capacity	Up to 44 samples per run
Power	Universal input 100-240V / 50-60Hz
Sample ID	Integrated barcode reader
Carousel for 48 primary tubes	Tube size ranging from 12 mm to 17 mm
Integrated Industrial PC	For connection to LIS and interpretation software
Piston Pump	Volume range 10 µl to 2.5 ml
Peristaltic Pumps	Aspiration and reagent addition
Liquid Level Detection	Pressure sensing technology for samples and reagents
Integrated Camera	Integral camera for image capture of developed strips
Disposable Tips	1 ml and 5 ml disposable tips can be used during the assay
Operator Interface	Integrated touch screen
Footprint	Less than 1000 mm width x 600 mm depth x 650 mm height

Overview of possible test combinations per run

Protocol	Parameter
Line 1h IgGMA	ANA/ENA Bordetella Borrelia Campylobacter Chlamydia CMV EBV Hanta Helicobacter 2.0 HEV HSV Parvovirus SARS-CoV-2 Torch Toxoplasma Treponema Tropical Fever Yersinia
Line Avi IgGMA	As with Line 1h IgGMA + avidity
Line 3h	HCV HIV HTLV Treponema
BlotON IgG	Rubella
Serum/CSF	Borrelia Serum/CSF
Blot 2h IgG/IgM	Borrelia canis

Article No.

- 31094 **CarL**
Fully automated strip processor, 1 instrument incl. PC
- 31100 **Installation and training**
- 21090 **CarL-Incubation trays**
for 44 strips
- 31101 **1 ml disposable tips**
Tecan compatible, clear, 192 tips/box
- 31102 **5 ml disposable tips**
Tecan compatible, black, 24 tips/box
- 31103 **Control bottles**
4 ml, 1 piece, PP
- 31006 **recomScan**
Software for the automatic detection of MIKROGEN test strips (*recomBlot* and *recomLine*),
1 license, optional with easy LIS connection