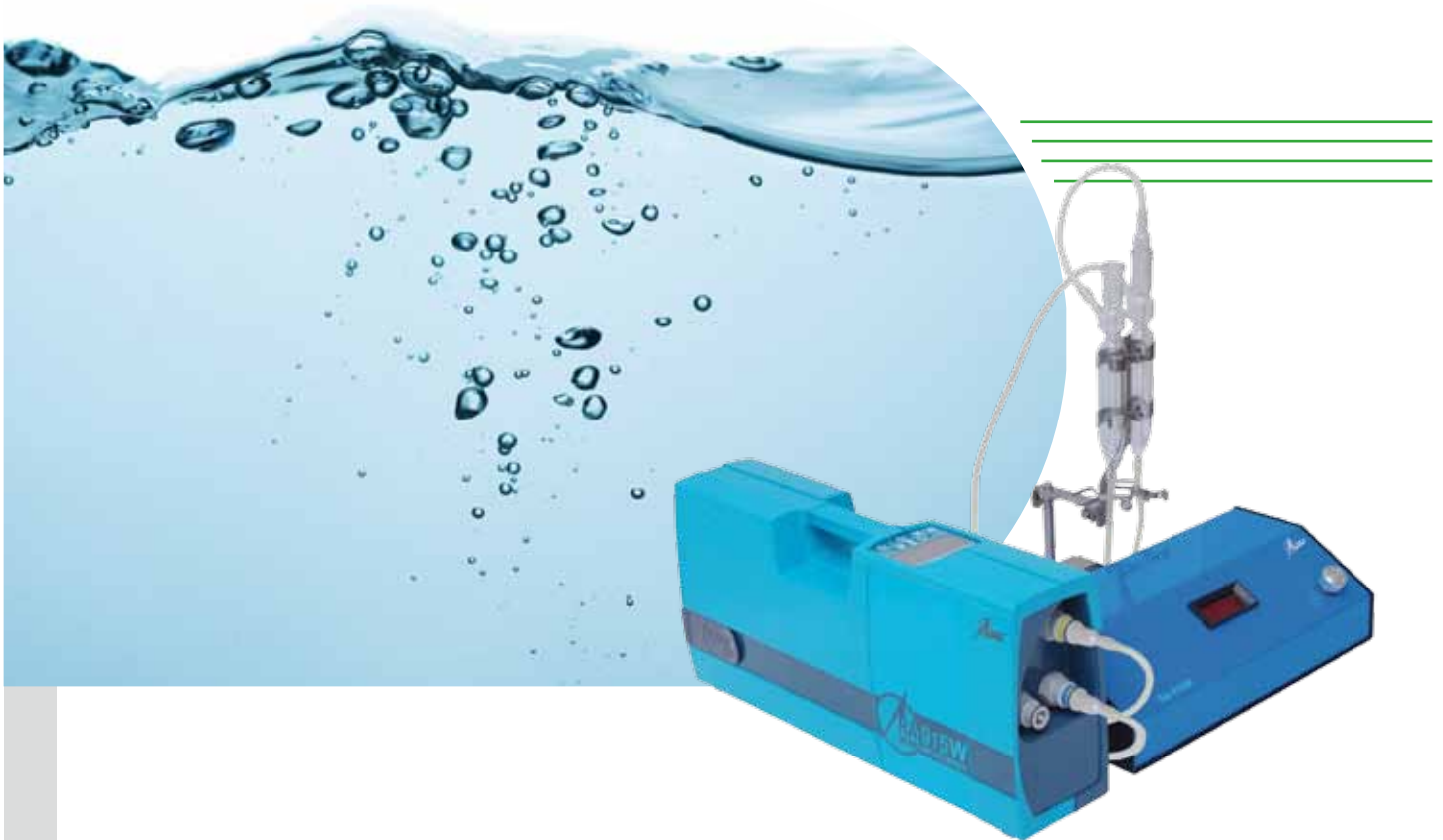


RA-915W

Zeeman mercury-in-water analyzer



METHOD OF MEASUREMENT

Atomic absorption spectrometry at 254 nm with Zeeman correction for interference-free measurements.

PRINCIPLE OF OPERATION

Is based on reduction of the mercury contained in the sample by cold vapor technique and subsequent transfer of atomic mercury into the analytical cell by air flow.

FEATURES AND BENEFITS

- ❖ Simple to operate.
- ❖ Ultra-low detection limit.
- ❖ Wide dynamic measuring range.
- ❖ Stable calibration.
- ❖ No compressed gases required.
- ❖ Built-in performance verification test cell and auto zero function.
- ❖ Direct mercury determination without its preliminary accumulation on a gold trap.
- ❖ Duration of one measurement is not longer than 1–2 minutes.
- ❖ Perfect for EPA Method 245.1



SPECIFICATIONS

Measurement range	0.001–100 µg/l
Sampling	5 ml
Analysis time	40–120 sec.
Power supply	198–242 VAC, 50±1 Hz
Operating conditions:	
Ambient air temperature	20±10 oC
Ambient pressure	84.0 ... 106.7 kPa
Relative humidity	under 95% at +35 oC
MEASUREMENT UNIT	
Dimensions	470x110x220 mm
Weight	7 kg
WATER SAMPLING UNIT	
Dimensions	95x180x350 mm
Weight	3.1 kg

DELIVERY SET

RA-915W Zeeman mercury-in-water analyzer comes with the RAPID software, power converter, kit, interface cables, manuals.

WARRANTY

RA-915W Zeeman mercury-in-water analyzer is covered by 12-months warranty.

SERVICES

Upon request, installation and commissioning of RA-915W mercury-in-water analyzer can be carried out at Customer's site by our service engineers. Support and training of operators, meeting Customer's specific needs, are provided by highly qualified application engineers.

The information and specifications in this publication are subject to change without notice.

LUMEX®

Lumex Instruments Canada
0890278 B.C. Ltd.
Unit 207, 31510 Gill Ave.,
Mission,
B.C., V4S0A1, Canada
Toll free: +1 866-233-6057
Phone: +1 709-570-7538
E-mail:
info@lumexinstruments.com
www.lumexinstruments.com

OhioLumex Company, Inc.
9263 Ravenna Rd, Unit A-3,
Twinsburg, OH 44087, USA
Tel.: +1 (888) 876-2611,
+1 (330) 405-0837
Fax: +1 (330) 405-0847
E-mail: mail@ohiolumex.com
www.ohiolumex.com

Lumex Analytics GmbH
Naher str. 8
24558 Wakendorf II, Germany
Tel.: +49 (0) 4535 297-756
Fax: +49 (0) 4535 297-783
E-mail:
info@lumexanalytics.de
www.lumexanalytics.de

Lumex-Marketing LLC
pr. Obukhovskoy Oborony,
70, bldg. 2, St. Petersburg
192029, Russia
Tel.: +7 (812) 718-5390
Fax: +7 (812) 718-5399
E-mail: sales@lumex.ru
Post address:
BOX 1234, St. Petersburg,
190000, Russia
www.lumex.ru

**Beijing Lumex Analytical
Equipment Co. Ltd.**
Room 106, Qing Feng Hua
Jing Yuan Trade Center,
building 5, Xue Qing Road,
Haidian District, Beijing,
100085, PR China
Tel.: +86 (10) 6-777-1980/2
Fax: +86 (10) 6-777-1981
E-mail: lumex@lumex.com.cn
www.lumexcn.com

