



Model no. : ACM-34098-R

ION SPECIFIC METERS



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The water monitor follows national standards which are established based on scientific guidelines such as Guidelines for drinking water quality promulgated by Ministry of Health in 2001, Guidelines for drinking water source (CJ3020-93), Guidelines for groundwater quality (GB/T14848-93), (Standards for water supplied by urban quality (CJ/T206-2005), Standards for surface environmental quality (GB3838-2002) and Standards for fisheries water quality(GB11607-89).

FEATURES-DIGITAL IONS METERS

- Test fast Immediate results
- High automation
- Self-recording
- Self-reserving
- Self-analyzing
- Print results via the built-in RS-232 connected with PC
- Portable
- Dustproof
- Waterproof
- Anti-chemical erosion



TECHNOLOGY SPECIFICATIONS

Light Source	LED
Wavelength Range	Wavelength Range is 410 - 650nm with optional operating
Wavelengths of	410、 500、 540、 590 and 650nm via built-in filters.
Display	LCD screen
Resolution Ratio	1% FS
Wavelength Accuracy	$\leq \pm 1\text{nm}$

Result	Provides direct reading of test results in mg/l, Readout also available in Absorbance
Readout Mode	Data installation capacity of at least 99 groups;
Immediate Result	less than 15 minutes.
Test Tubes	2*25cm glass tube
Power	optional, including mains AC electricity supply (220 V) 4 AA alkali batteries
Working Environment	0-50°C, no cold agglutination phenomenon in 90% RH



The inst. is used to measure the following parameters within the ranges mentioned

Parameter	Range	Standard limit for 1st grade water quality	Maximum release concentration allowed for 2nd grade contaminations
pH	6~9	6~9	6~9
COD	3.0~100	15	100 (for ordinary enterprises)
	20~2500		60 (senior sewage treatment factories)
Ammonia nitrogen	0.15~6.0	0.15	15

N	-	-	-
Total phosphor (P)	0~1.0	0.02	-
Copper	0.01~5.0	0.01	0.5
Zinc	0.01~1.0	0.05	2.0
Fluoride (F)	0~2.0	1.0	10
Arsenic	0~0.5	0.05	-
Cadmium	0.001~0.4	0.001	-
Chrome (VI)	0.01~0.8	0.01	-

Cyanide	0~0.4	0.005	0.5
Volatile phenol	0.002~1.0	0.002	0.5
Anionic surface active agent (LAS)	0.002~0.275	0.2	5.0
Sulfide	0~0.7	0.05	1.0
Sulphate (sulfate radical)	0~70	250	-

Chloride (Cl)	0.1~25	250	-
Nitrate (N)	0.1~10	10	-
Nitrate (N)	0~0.3	-	-
Iron	0.1~3.0	0.3	-
Manganese	0.01~1.0	0.1	2.0
Nickel	0.05~1.0	-	-
Cobalt	0.01~2.0	-	-
Phosphate (P)	0~50	-	0.5
Formaldehyde	0~10	-	1.0
Aniline species	0~2.0	-	1.0



An ISO 9001 : 2208 | ISO 14001 : 2008 | ISO 13485
WHO: GMP Products | GLP Compliant Products

www.acmasindia.com | www.acmasglobal.com | www.test-chambers.com

ACMAS TECHNOLOGIES PVT. LTD.

CORPORATE OFFICE/ SHOWROOM (INDIA)

Plot No. 352-353, Sector – 57
Phase- IV Kundli, Sonapat, Haryana - 131028
Land Line No.: +91 - 11- 47619688,
Fax: +91-11-47619788
E-mail.: info@acmasindia.com

SALES OFFICE (HONG KONG)

Unit D 28 11/F Wing Tat Comm,Bidg 97, Bonham Strand East,
Sheung Wan, Hong Kong (PRC)
Tel.: 0086-13929598046 | 0086- 18922303099
E-mail.: hk@acmasindia.com

SALES OFFICE (RUSSIA)

Inmed Trade Street Ozerkovsky Embankment,
Unit No 50, Straine- 1, Off- 502, Moscow, Russia
E-mail.: info@acmasindia.com
Tel.: 0049- 79592345 | Email: russia@acmasindia.com