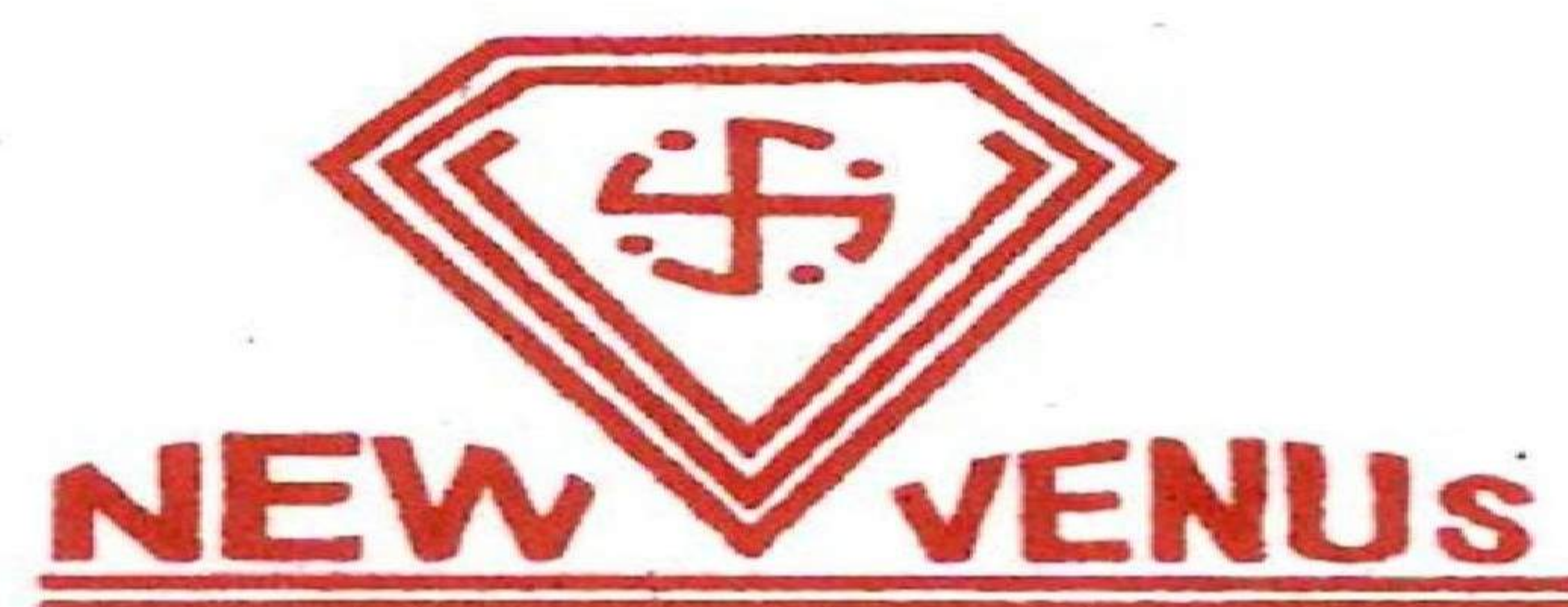


NEW VENUS INDUSTRIES

111 (Old No.47), Kodambakkam Road, Mettupalayam
Chennai-600 033, Ph: +91-44-23813819/4487/2619

E-Mail: venusindmng@yahoo.co.in



PRODUCT PORTFOLIO

AUTOCLAVE



BALANCE SHIMADZU
BL SERIES



Model	BL3200HL NEW	BL3200H NEW	BL2200H	BL320H NEW	BL220H	BL3200S	BL620S	BL320S
Capacity	3200g	3200g	2200g	320g	220g	3200g	620g	320g
Minimum display	0.01g	0.01g	0.01g	0.001g	0.001g	0.1g	0.01g	0.01g
Repeatability (standard deviation)	$\sigma \leq 0.01g$	$\sigma \leq 0.01g$	$\sigma \leq 0.01g$	$\sigma \leq 0.001g$	$\sigma \leq 0.001g$	$\sigma \leq 0.06g$	$\sigma \leq 0.01g$	$\sigma \leq 0.006g$
Linearity	$\pm 0.03g$	$\pm 0.03g$	$\pm 0.02g$	$\pm 0.003g$	$\pm 0.002g$	$\pm 0.1g$	$\pm 0.01g$	$\pm 0.01g$
Response time (approx.)	1.0 – 1.2 sec.					0.8 – 1.0 sec.		
Ambient temperature	5 – 40℃ / 41 – 104F							
Temperature coefficient of sensitivity (10 – 35 ℃)	$\pm 5ppm/^{\circ}C$ (10 – 30℃)		$\pm 3ppm/^{\circ}C$	$\pm 5ppm/^{\circ}C$ (10 – 30℃)	$\pm 3ppm/^{\circ}C$	$\pm 10ppm/^{\circ}C$		
Pan size (mm)	160 × 124 (mm)			100 × 100 (mm)		160 × 124 (mm)		100 × 100 (mm)
Dimensions (approx.)	170W × 240D × 75H mm							

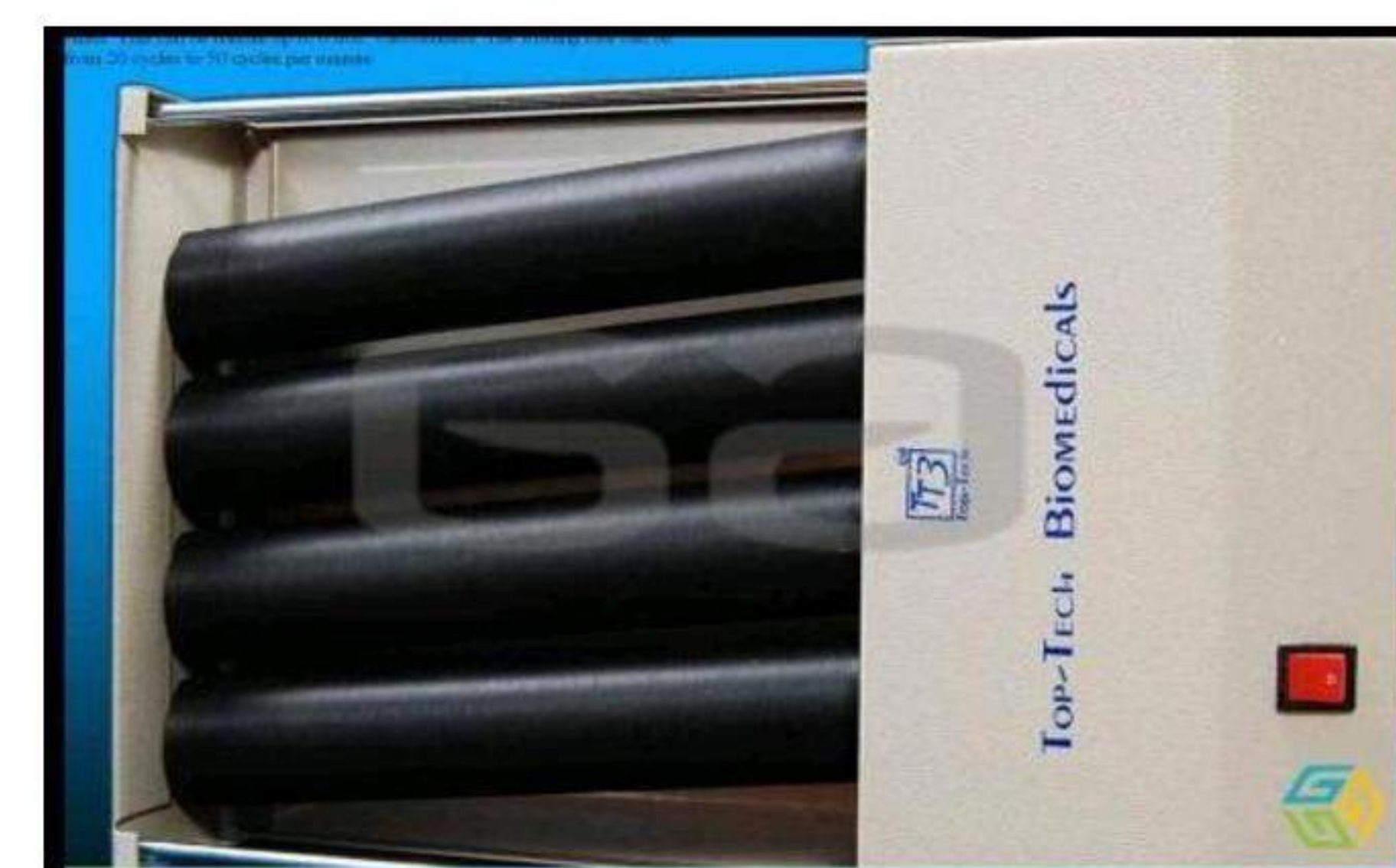
ELB SERIES



BALL MILL



BLOOD MIXER



BOD INCUBATOR



BOMB CALORIMETER



BULK DENSITY APPARATUS



Technical Data

DISPLAY	4 Digit Seven Segment Bright Red LED
MAXIMUM COUNTS	9999
KEYBOARD	6 Soft Touch Membrane Keys
CYLINDER	2 Nos., 50/100 ml Cylinders
DROP HEIGHT	25 mm (Approx.)

CENTRIFUGE REMI C 852



R - 8C

COLONY COUNTER 361 / 362



Technical Data

MODEL	361	362	363
DIGITAL DISPLAY	3 digit, 999 Maximum Count	4 digit, 9999 Maximum Count	6 digit, 999999 Maximum Count
DISH SIZE	110 mm		

1361 / 1362/ 1363



Technical Data

MODEL	1361	1362	1363
DISPLAY	3 - Digit Seven Segment LED	4 - Digit Seven Segment LED	6 - Digit Seven Segment LED
KEYBOARD	6 soft touch membrane keys		
CORRECTION	Correction count facility available to cancel the unwanted counts		
STORAGE	100 Result-count storage retained even if the system is switched off		
AVERAGE	Average mode facility available		

COLOR COMPARATOR



COLORIMETER

Technical Data

MODEL	312/313 DIGITAL	321/322 ANALOG	1312	1311
HIGH STD. GLASS FILTERS	312 - 8 313 - 5	321 - 8 322 - 5	8 Filters	8 Filters
MINIMUM VOLUME	1 ml	1 ml	1 ml	1 ml
DISPLAY	2 ½ digit LED	Analog Meter	16 x 2 line LCD	2 ½ digit LED
RANGE	400 to 700 nm	400 to 700 nm	400 to 700 nm	400 to 700 nm
OUTPUT	OD : 0 to 1.99	OD: 0 to 1.99, %T: 0 - 100	0-100 % T, 0-1.99 A 0-19999 conc. & KFactor	0-100 % T, 0-1.99 A
RESOLUTION	OD : 0.01	OD : 0.01, %T : 1	OD : 0.01, %T : 1	OD : 0.01, %T : 1
ACCURACY	0.5% FS ±1 Digit	2% FS ±1 Digit	0.5% FS ±1 Digit	0.5% FS ±1 Digit
DETECTOR	Photo Cell/Photo Diode	Photo Cell/Photo Diode	Photo Cell/Photo Diode	

CONDUCTIVITY METER DEEP VISION / TDS 651

601 / 611



Technical Data

MODEL	601 TABLE MODEL	611 TABLE MODEL	651 TABLE MODEL	671 TABLE MODEL
DISPLAY	3½ Digit LED	3½ Digit LED	3½ Digit LED	3½ Digit LED
MEASUREMENT	Conductivity	Conductivity	TDS	Salinity
RANGES	0 To 200 µS/cm 0 to 2 mS/cm 0 to 20 mS/cm 0 to 200 mS/cm 0 to 1000 mS/cm	0 To 200 µS/cm 0 to 2 mS/cm 0 to 20 mS/cm 0 to 200 mS/cm 0 to 1000 mS/cm	0 To 200 ppm 0 to 2.000 ppt 0 to 20.00 ppt 0 to 200.0 ppt 0 to 1000 ppt	0 To 2 ppt 0 to 20 ppt 0 to 50 ppt
ACCURACY	±1% FS±1Digit	±1% FS±1Digit	±1% FS±1Digit	±1% FS±1Digit
TEMPERATURE COMPENSATION	Auto : 0 to 50° C Manual : 0 to 50° C	Manual : 0 to 50° C	Manual : 0 to 50° C	Manual : 0 to 50° C
RESOLUTION	0.1 µS/cm	0.1 µS/cm	0.1 ppm	0.001 ppt

EUTECH CON 510



Specifications: CyberScan CON 510 Meter

Conductivity Range	0 – 20.00, 200.0, 2000 uS/cm; 20.00, 200.0 mS/cm
Resolution	0.01, 0.1, 1 uS/cm; 0.01, 0.1 mS/cm
Accuracy	±1% full scale + 1 digit
TDS Range	0 – 10.00, 100.0, 1000 ppm; 10.00, 100.0 ppt max 200 ppt depending on factor setting
Resolution	0.01, 0.1, 1 ppm; 0.01, 0.1 ppt
Accuracy	±1% full scale + 1 digit
Temperature Range	-10.0 to +110.0 °C (14.0 to 230 °F)

DO METER LUTRON 5509



SPECIFICATIONS	
Display	13 mm (0.5") LCD, 3 1/2 digits.
Measurement Range	Dissolved Oxygen - 0 to 20.0 mg/L.
Resolution	0.1 mg/L..
Accuracy	± 0.4 mg/L. (after calibration within 23± 5 °C)
Sensor Temp. Compensation	Automatic from 0 to 40°C.
Panel adj. knob	ZERO knob, CAL knob.
Battery	006P DC 9V battery (heavy duty).

5510



SPECIFICATIONS		
Circuit	Custom one-chip of microprocessor LSI circuit.	
Display	Dual function meter's display, 13 mm(0.5"). Super large LCD display with contrast adjustment for best viewing angle.	
Measurement & Range	Dissolved Oxygen	0 to 20.0 mg/L(liter).
	Oxygen in Air	0 to 100.0 %.
	Temperature	0 to 50 °C.
Resolution	Dissolved Oxygen	0.1 mg/L.
	Oxygen in Air	0.1 % O2 .
	Temperature	0.1 .
Accuracy (23 5)	Dissolved Oxygen	0.4 mg/L.
	Oxygen in Air	0.7% O2.

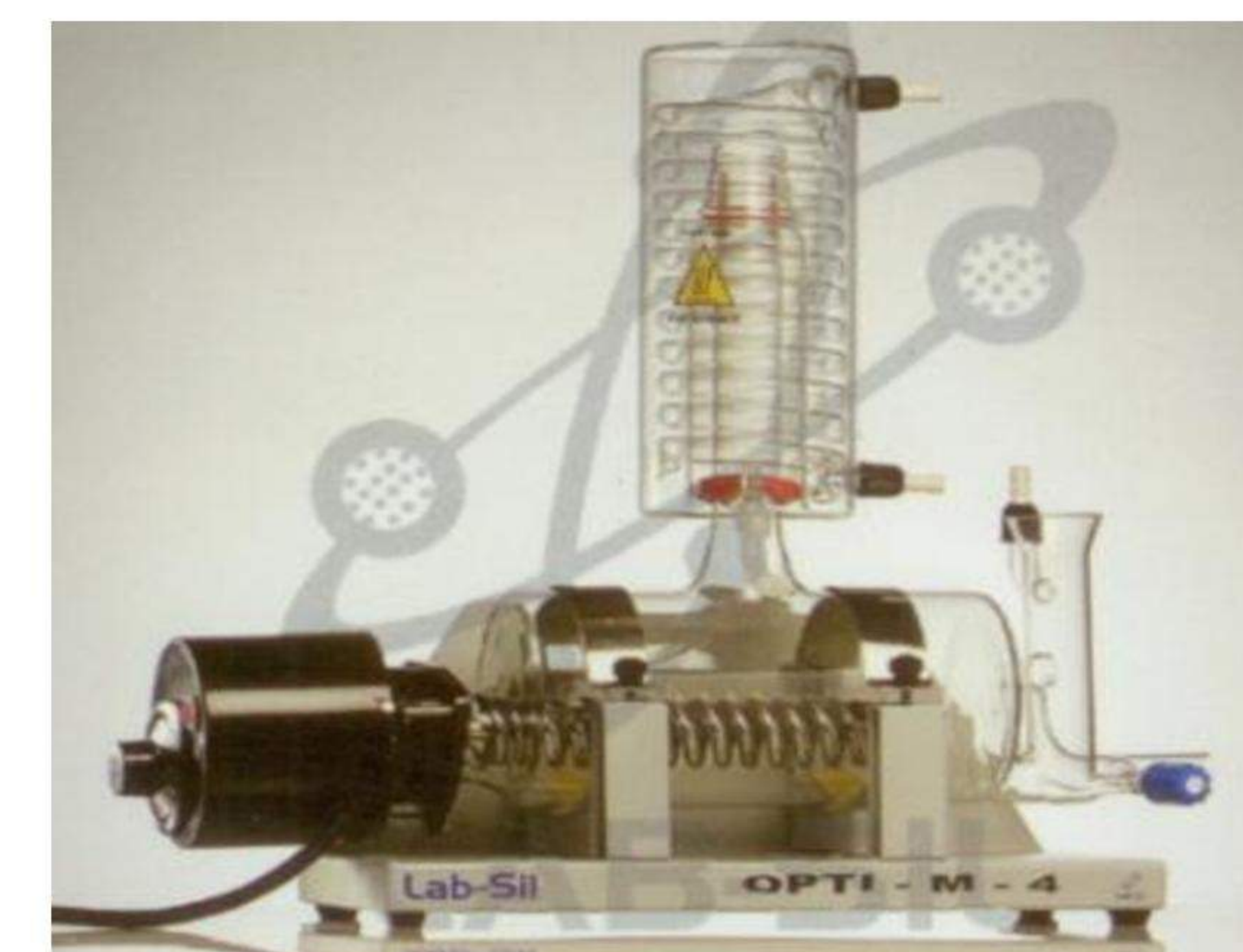
FLAMEPHOTOMETER



Technical Data

MODEL	381	391
		Serum Urine
RANGE	Na : 0-100 ppm K : 0-100 ppm Ca : 15-100 ppm (Optional) Li : 10-100 ppm (Optional)	Na : 0-200 meq/l K : 0-10 meq/l Ca : - Li : 0-2 meq/l (Optional)
READOUT	2 1/2 digit bright red LED display	Dual 2 1/2 digit bright red LED display
ACCURACY	±2% upto 40 ppm ±5% above 40 ppm	±2% upto 100 meq ±5% above 100 meq
MEASUREMENT SYSTEM	One element at a time	2 elements on dual LED display

GLASS DISTILLATION



Technical Data

1382 / 1381

	ppm	General Range meq/l	Serum Range meq/l	Urine Range meq/l
RANGE	Na : 0-100	Upto 250 meq/l, 1:100 dil.	0-200 meq/l, 1:100 dil.	0-250 meq/l, 1:100 dil.
	K : 0-100	Upto 250 meq/l, 1:100 dil.	0-10 meq/l, 1:100 dil.	0-100 meq/l, 1:100 dil.
	Ca : 0-100	Upto 250 meq/l, 1:100 dil.	-	0-10 meq/l, 1:2 dil.
	Li : 0-100	Upto 250 meq/l, 1:100 dil.	0-2 meq/l, 1:5 dil.	-
SENSITIVITY	General Mode : Na:0.5 ppm, K:0.5 ppm, Li:0.5 ppm, Ca:15 ppm In 1382 only			
FILTERS	Na & K Supplied (Ca & Li are optional at extra cost)			
RESOLUTION	0.1 ppm / meq.			
DISPLAY	20 x 4 Character alphanumeric LCD display with backlit In 1382 only/ Fro 1382 LED Display			

GERBER CENTRIFUGE



GLASSWARES



HAEMOGLOBINOMETER
1315



Technical Data	
MEASURING METHOD	Cyanmethemoglobin
MEASURING RANGE	0-30 gm/dl of Hb
DILUTION RATIO	1 : 251
SAMPLE VOLUME	1 ml
DISPLAY	3 Digit Display
WAVELENGTH	546 nm

HOT AIR OVEN



SIZE OF INNER CHAMBER WxHxD	LTS CAPACITY	RATING	SHELVES
300x300x300mm 12"x12"x12"	28	750	1
355x355x355mm 14"x14"x14"	45	1000	2
455x455x455mm 18"x18"x18"	95	1500	2
455x605x455mm 18"x24"x18"	125	1750	2
605x605x605mm 24"x24"x24"	224	2200	3
605x910x455mm 24"x36"x18"	252	2200	3
605x910x455mm 24"x36"x24"	336	2500	3

Air circulation fan can be fitted in any of the above sizes at extra cost
Digital temperature controller

KARL FISHER TITRATOR



Technical Data	
MODEL	1760
MEASURING RANGE	10 ppm to 100% of moisture
MEASURING METHOD	Karl Fischer volumetric titration method
K.F. DISPENSING	Highly sensitive motorized dispensing system
RESOLUTION OF TITRANT VOLUME	0.01 ml
INDICATION OF TITRANT VOLUME	0.00 to 99.99 ml on display
MOSITURE CONTENT CALCULATION (AUTOMATIC)	% age : (0.00 to 100%) ppm : (10 to 999999) mg H ₂ O : (0.00 to 999.99)

WHATMAN FILTER PAPER



DURALAB FILTER PAPER



FILTER HOLDER

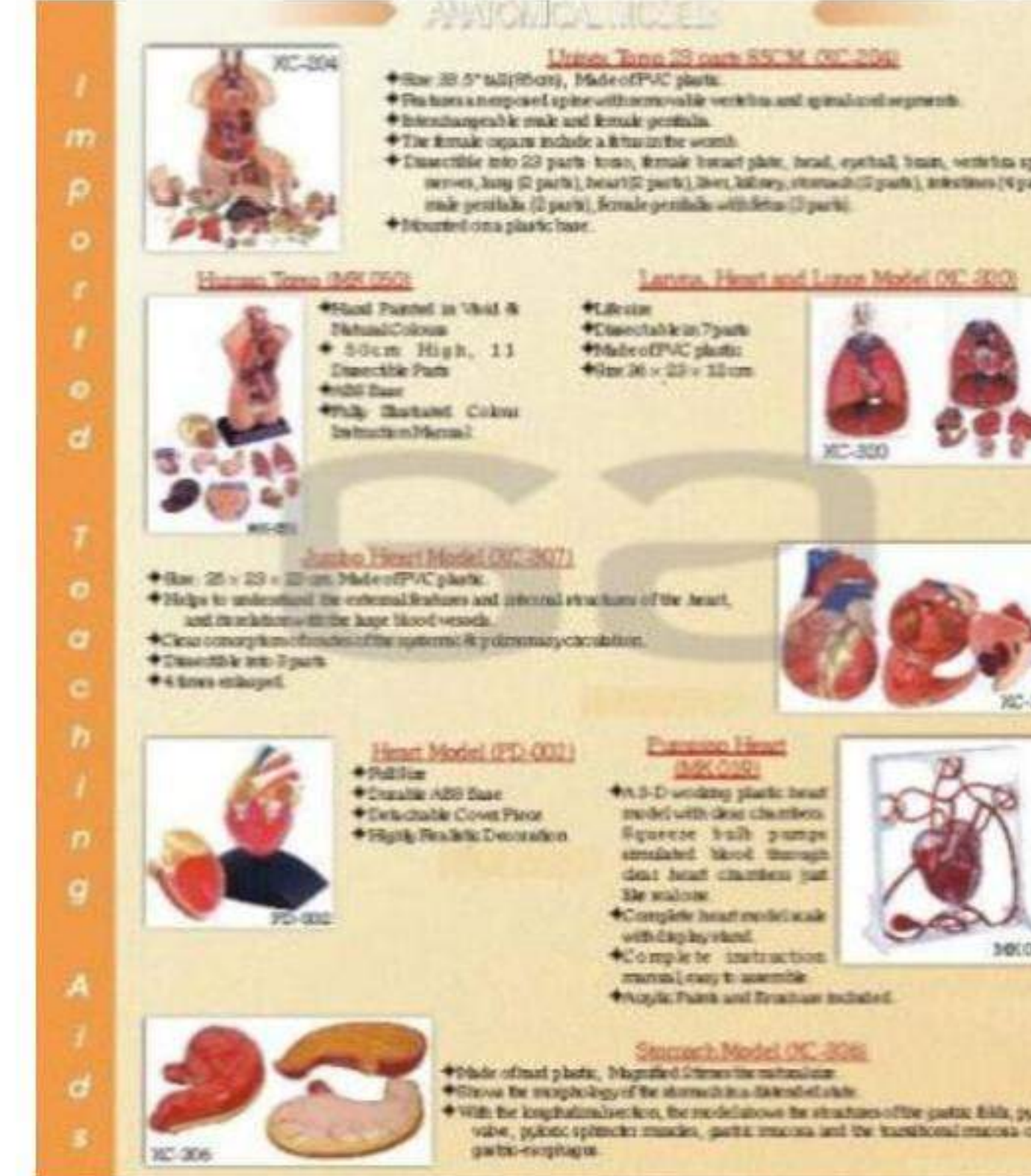
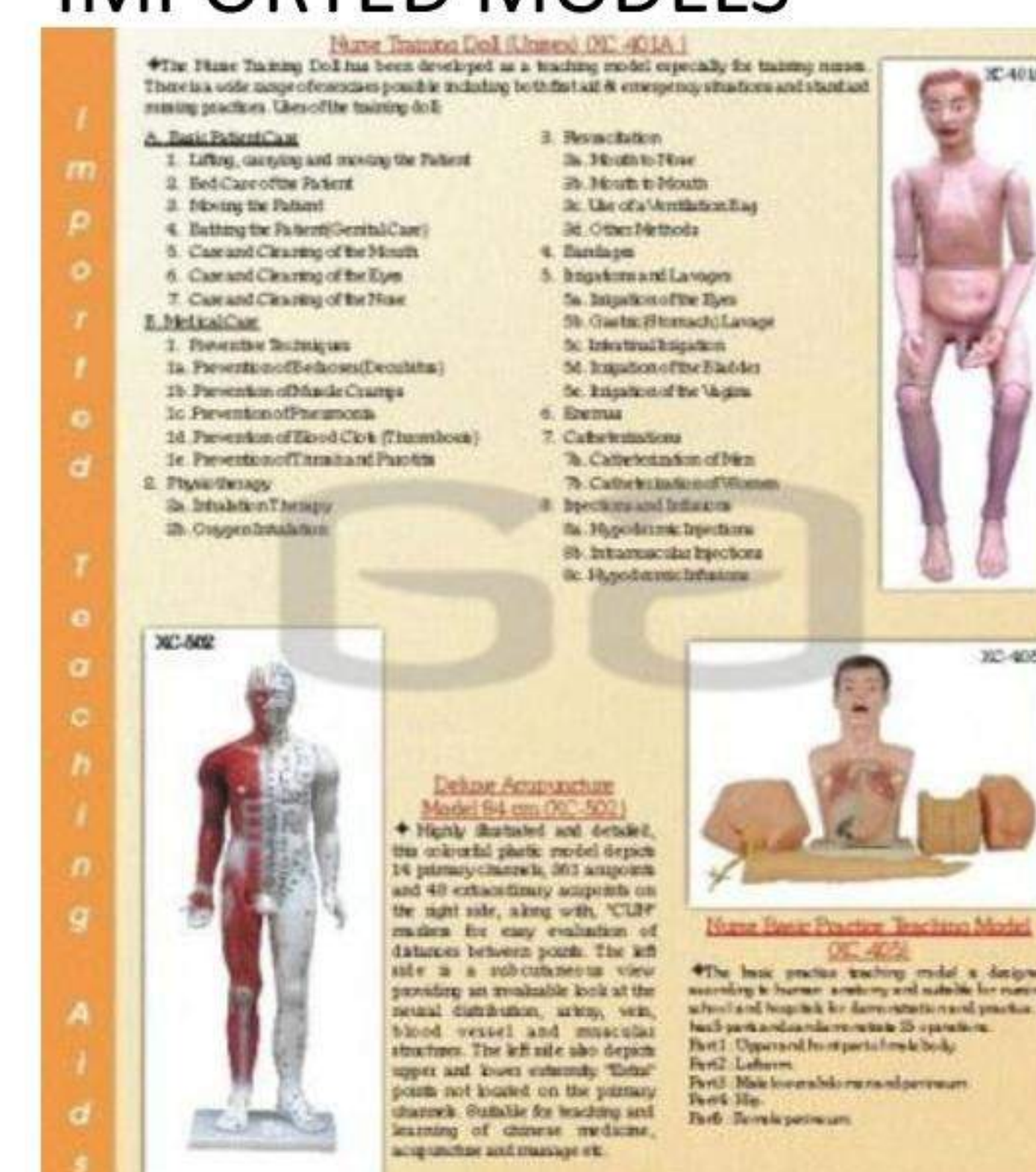


INCUBATOR



Inner Dimension	Watts
30 x 30 x 30cm	100W
35 x 35 x 35cm	100W
45 x 45 x 45cm	200W
45 x 45 x 60cm	300W
60 x 60 x 60cm	400W
60 x 60 x 90cm	500W

IMPORTED MODELS



MAGNETIC STIRRER REMI



PLUS SERIES



MICROSCOPE



MOISTURE BALANCE ORDINARY AND DIGITAL



MUFFLE FURNACE



NEPHELOMETER / TURBIDITY METER



331 / 341 / 335

Technical Data			
MODEL	331	341	335
PRODUCT	Digital Turbidity Meter	Digital Nephelometer	Turbidity
DISPLAY	3½ Digital LED	3½ Digital LED	3½ Digital LED
DETECTOR	Photocell/Photodiode	Photocell/Photodiode	Photodiode
RANGE	0 to 1000 NTU in 2 ranges	0 to 200 NTU in 2 ranges	0-2, 20, 200 1000 (4 ranges)
RESOLUTION	1 NTU	0.01 NTU	0.01 NTU
ACCURACY	±3% FS±1 digit	±2% FS±1 digit	±2% FS±1 digit

PETROLIUM PRODUCTS

PENSKY



ABLES



CLEVELAND



CLOUD AND POUR



SMOKEPOINT



PENETRO METER



SOFTINING POINT



PH METER
111 / 101



Technical Data

MODEL		101	111
DISPLAY		3 ½ Digit LED	3 ½ Digit LED
RANGE	pH mV	0 to 14.00 0 to ±1999	0 to 14.00 0 to ±1999
RESOLUTION	pH mV	0.01 1	0.01 1
ACCURACY	pH mV	± 0.01 pH ± 1 mV	± 0.01 pH ± 1 mV
TEMPERATURE COMPENSATION		Auto : 0 to 100° C Manual : 0 to 100°C	Manual : 0 to 100°C
ACCESSORIES		* Combination pH Electrode * Buffer Tablets 4 pH & 7 pH * Buffer Bottles (4 & 7 pH) * Temp. Probe (101E) * Dust Co	

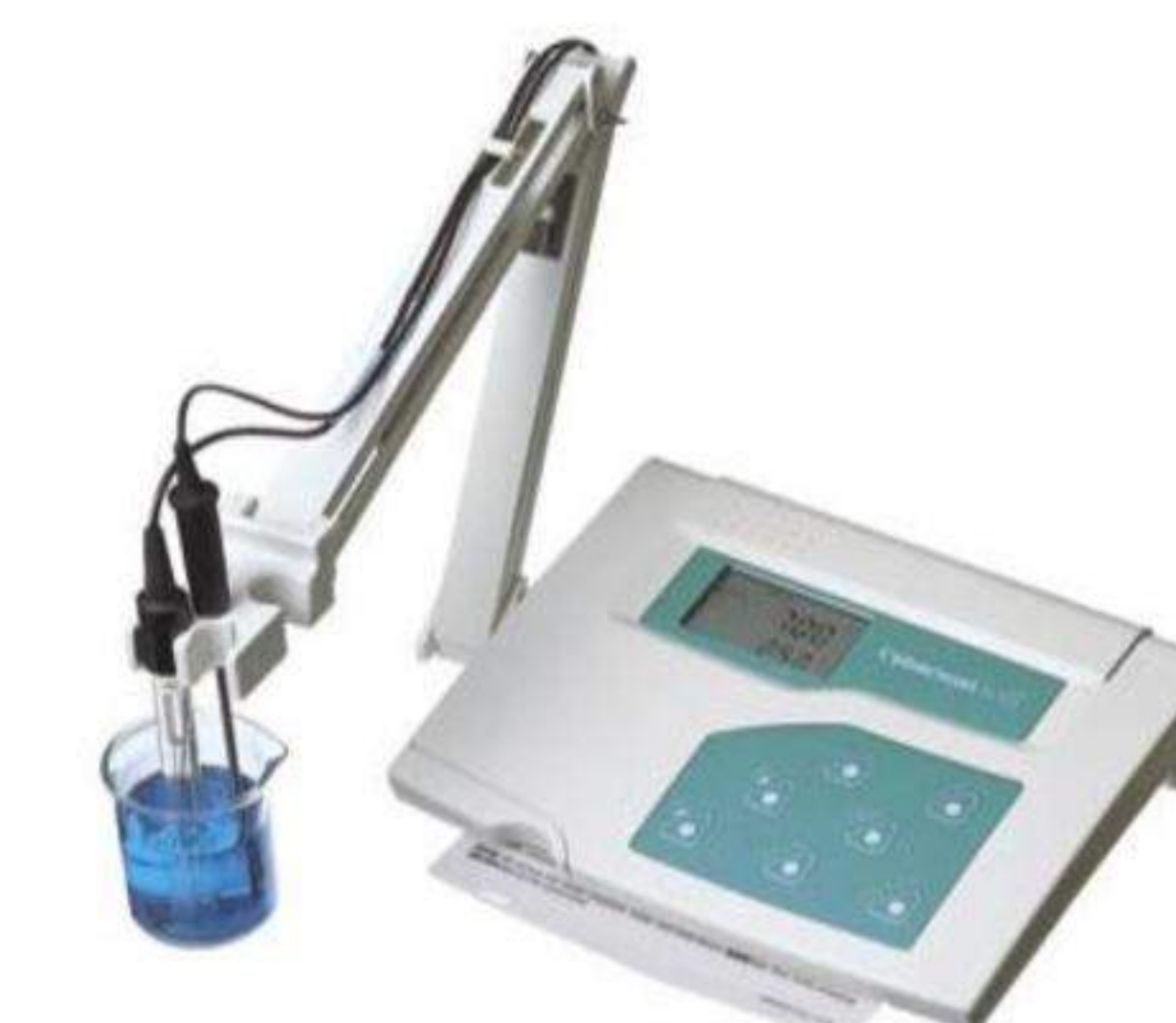
EUTECH PH METER
PH TUTOR



METER SPECIFICATIONS

CyberScan pH Tutor	
pH Range	0.00 to 14.00 pH
Resolution	0.01 pH
Accuracy	±0.01 pH
Temperature Range	0.0 to 100 °C
Resolution	0.1 °C
Accuracy	±0.3 °C
Temperature Compensation	Automatic / Manual (0 to 100 °C) Default at 25 °C
Temperature Offset Adjustment	±5.0 °C
pH Buffer Options	US Standard (pH 4.01, 7.00, 10.01) NIST Standard (pH 4.01, 6.86, 9.18)
No. Of Calibration Points	Up to 3 points

pH 510



POTENTIOMETER

118



Technical Data

MODEL	118
RANGE	0 to ± 199.9 mV 0 to ± 1999 mV
RESOLUTION	0.1 mV & 1 mV
REPEATABILITY	±1 mV
ACCURACY	±1 mV ±1 digit

SEMI AUTO ANALYZER GB 235



SOIL MOISTURE METER PMS 714



SPECIFICATIONS

Applications	Designed to check the moisture level of soil or other similar material.
Measuring Principal	Used the 2 pins electrode to measure the conductive ability of the species, then converter to the reading of " % " Moisture content " of soil sample.
Display	LCD size : 28 mm x 19 mm.
Measurement Range	0 % to 50 % moisture content on soil.
Resolution	0.1 %.
Accuracy	± (5 % + 5 d) F.S. @ 23± 5 °C, F.S. : full scale.

SOIL PH METER PH 220 S



SPECIFICATIONS OF METER

Display	LCD, size : 20 mm x 28 mm. * User can reverse the display direction by push button.
Measurement Range	0 to 14 pH x 0.01 pH
Resolution	0.01 pH
Accuracy	± 0.07 pH(pH5 to pH 9) ± 0.1 pH(pH4 to pH4.9, pH9.1 to pH10) ± 0.2 pH(pH1 to pH3.9, pH10.1 to pH13)

SPECTROPHOTOMETER DOUBLE BEAM

2375



Technical Data

MODES	2375 / 6300	Basic, Wavelength Scan, Multi Wavelength, DNA/Protein Kinetics, Quantitative,
WAVELENGTH RANGE	190 - 1100 nm	
SPECTRAL BANDWIDTH	1.8 nm	
OPTICAL SYSTEM	Double Beam, Grating 1200 lines/mm	
WAVELENGTH ACCURACY	± 0.3nm	
WAVELENGTH REPEATABILITY	± 0.2 nm	
SCANNING SPEED	HI, MED, LOW, MAX 3000 nm/min	
PHOTOMETRIC RANGE	0 - 200 %T, -0.3 to 3A, 0 - 9999 Conc.	

6300



SINGLE BEAM 2373



Technical Data		2373	2371
WAVELENGTH RANGE		190 - 1100 nm	200 - 1100 nm
SPECTRAL BANDWIDTH		2 nm	
OPTICAL SYSTEM		Single Beam, Grating 1200 lines/mm	
WAVELENGTH ACCURACY		± 0.5 nm	
WAVELENGTH REPEATABILITY		0.3 nm	0.4 nm
WAVELENGTH RESOLUTION		± 0.1 nm	
PHOTOMETRIC ACCURACY		± 0.3 %T or ± 0.003A@1A	
PHOTOMETRIC RANGE		- 0.3 to 3A, 0 - 200 %T, 0 - 9999 Conc	
STRAY LIGHT		0.05 %T @ 220 nm, 340 nm	< 0.3 %T

VISIBLE

2306



Technical Data		2306	2305
WAVELENGTH RANGE		320 - 1000 nm	325 - 1000 nm
BANDWIDTH		4 nm	
WAVELENGTH ACCURACY		± 1 nm	± 2 nm
WAVELENGTH REPEATABILITY		0.3 nm	
WAVELENGTH SETTING		Auto	Manual
PHOTOMETRIC ACCURACY		± 0.3 %T	± 0.5 %T
PHOTOMETRIC REPEATABILITY		0.2 %T	0.3 %T
PHOTOMETRIC RANGE		-0.3 - 3.0A, 0 - 200 %T, 0 - 9999C	

2305



TABLET DISINTEGRATION



DESCRIPTION	SDA-273	SDA-274
Up-down Speed	30+ -2 rpm	30+ -2 rpm
Up-down Length	55+ -5mm	55+ -5mm
Time Display	1 Digit For Hr And 2 For Min.	1 Digit For Hr And 2 For Min.
No. Of Baskets	One	Two
Electric Motor	Low rpm A.C. Motor	Low rpm A.C. Motor
Audio Alarm	Yes	Yes
Operation Time	Programmable	Programmable

TABLET FRIABILITY



DESCRIPTION	SFA-263	SFA-264
Rotation Speed	25+ -1 RPM	25+ -1 RPM
Time Display	1 Digit For Min And 2 For Sec.	1 Digit For Min And 2 For Sec.
No. Of Drums	One	Two
Electric Motor	Low Rpm A.C. Motor	Low Rpm A.C. Motor
Audio Alarm	Yes	Yes
Operation Time	Programmable	Programmable
Auto Removal Of Sample	Yes	Yes

TABLET DISSOLUTION
1918



1912



912



Technical Data			
STATIONS	8 Station in Model - 1918 6 Station in Model - 1916	1912	912
DISPLAY	20 x 4 Line Alphanumeric LCD	20x4 line LCD	—
SPEED	25 - 200 RPM ±1 RPM	25 - 160 RPM	25-200RPM
RESOLUTION	1 RPM	±1 RPM	
RANGE TEMP	30 °C - 50 °C	20 °C to 40 °C	10 to 50 °C
REACTION VESSEL	1000 ml jar with stirrer pedal and basket	1000 ml	1000 ml
HEATER	1 KW	1 KW	1 KW

TABLET HARDNESS

MONSANTO TYPE



PHYZER TYPE



ULTRASONIC CLEANER



UV CABINET



WATER BATH



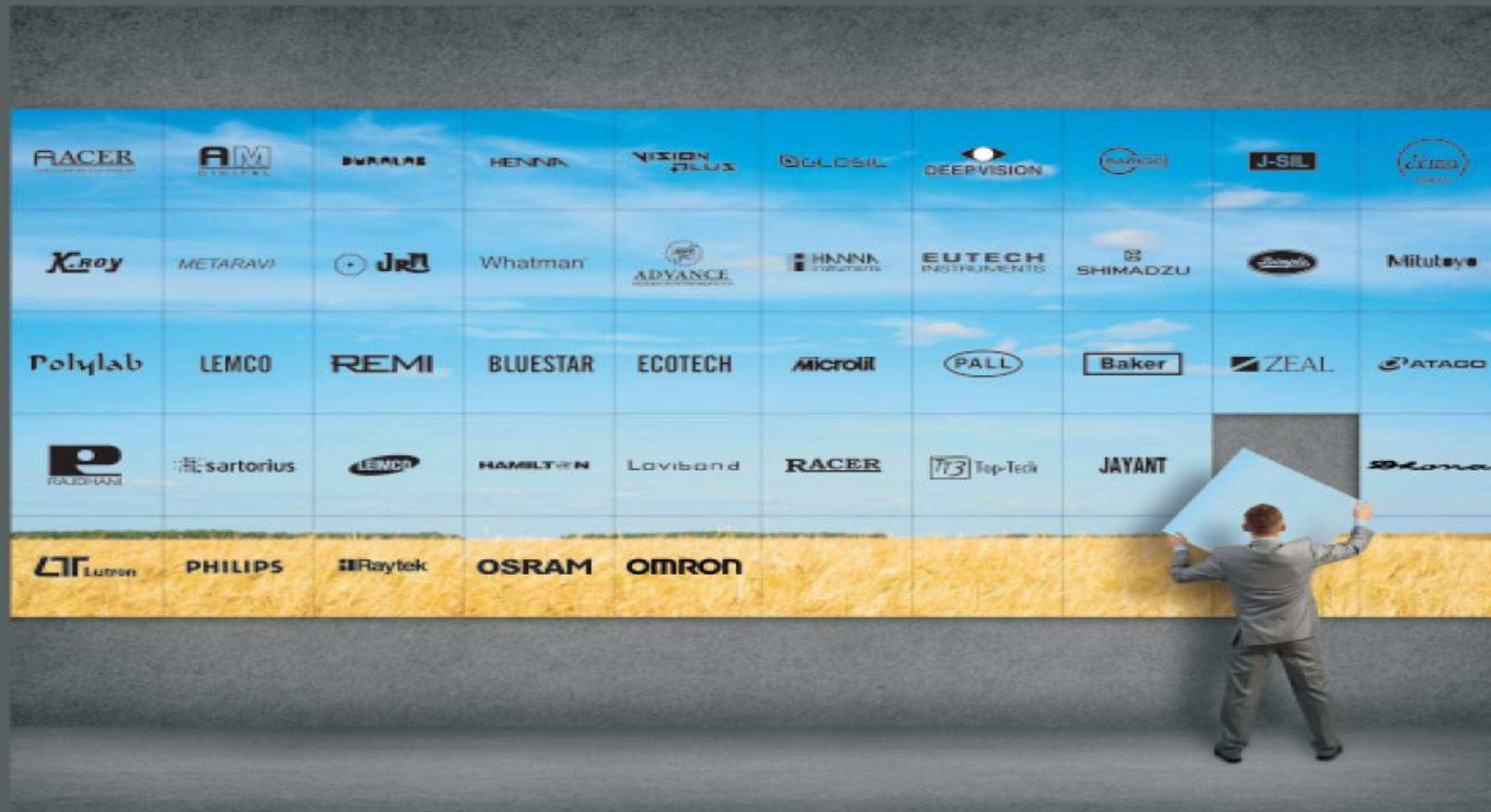
WATER AND SOIL TEST KIT



	1160	171	172	161	191	151
pH	✓	✓	✓	✓	✓	✓
Cond.	✓	✓	✓	✓	✓	✓
TDS	✓	✓	✓	✓	✓	✓
DO	✓	✓	✓	✓	✓	✓
mV (ORP)	✓			✓		✓
Salinity	✓	✓	✓	✓	✓	✓
Turbidity			✓		✓	
Colorimeter		✓	✓	✓	✓	✓
Temp.	✓	✓	✓	✓	✓	✓



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