



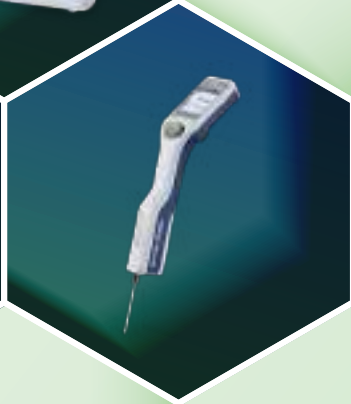
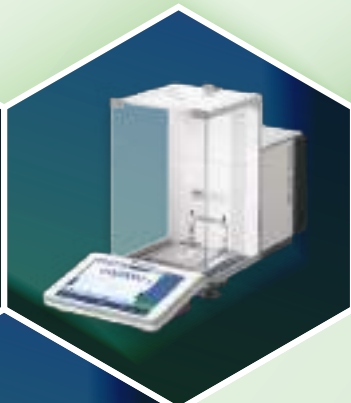
METTLER TOLEDO

inkarp®



Weighing Balances & Analytical Products Catalogue

*Your Knowledge
Our Solution*



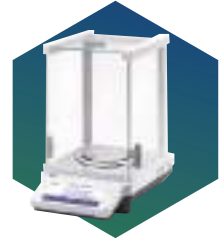


Weighing Solutions

Standard level balance: ME series

Model	Capacity	Readability	Minimum Weight (USP, 0.1%, typical)
ME54	52 g	0.1 mg	160 mg
ME104	120 g	0.1 mg	160 mg
ME204	220 g	0.1 mg	160 mg
ME155DU	42 g /152 g	0.01 / 0.1 mg	40 mg

Balance for your essential needs: 0.1 mg readability, backlit LCD, internal adjustment, metal base(Chemically resistant housing), RS 232 interface.

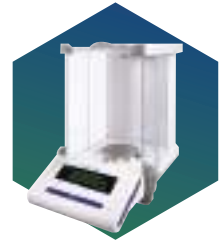


Standard Level Balance

Advance level balance: MS series

Model	Capacity	Readability	Minimum Weight (USP, 0.1%, typical)
MS105DU	120 g / 42 g	0.1 / 0.01 mg	30 mg
MS205DU	220 g / 82 g	0.1 / 0.01 mg	30 mg
MS204	220 g	0.1 mg	100 mg

Semi-micro balance for weighing smallest samples: high resolution weighing cell, FACT, ergonomic doors, pipette-check application, RS232 & USB interface.



Advance Level Balance MS series

Excellence level balance : XSR Series

Model	Capacity	Readability	Minimum Weight (USP, 0.1%, typical)
XSR105	120 g	0.01 mg	16 mg
XSR205DU	220 g/81 g	0.1 mg; 0.01 mg	20 mg
XSR225DU	220 g/121 g	0.1 mg; 0.01 mg	20 mg
XSR204	220 g	0.1 mg	82 mg

XSR Balance : color touchscreen ,motorized draft shield, password-protected, automatic internal adjustment, Smart grid weighing pan,and LabX ready.



XSR Balance

XPR micro & ultra Micro balances

Model	Capacity	Readability	Minimum Weight (USP, 0.1%, typical)
XPR2	2.1 g	1 µg	1 mg
XPR10	10.1 g	1 µg	0.82 mg
XPR2U	2.1 g	0.1 µg	0.3 mg



XPR Micro & Ultra Micro Balance

Excellence XPR Microbalance: Space saving design, includes Active Temperature Control system, GWP Approved built-in, SmartView terminal and modern user interface, built-in notepad.

Accessories

Data printers Data connectivity

Software

Lab X & Easy direct

Test weights

Individual Weights & Weight box

Moisture Analyzers

Basic

HE 53 halogen	HE 73 halogen
54grams,0.01 %MC (1 mg) readability, bright backlit LCD display, progress indicator, one method, robust and compact design, 50-160° drying temperature.	71grams,0.01 %MC (1 mg) readability, bright backlit LCD display, progress indicator, two methods, free switch-off criterion, standard and rapid drying, 50-200°C drying temperature.

Solid, All-Around Moisture Analyzers

HC 103

101 grams,0.01 %MC (1 mg) readability, user guidance, real-time drying curve, multiple languages, standard and rapid drying program, method (20) and results (100) storage. 7" color touch screen, Smart Cal.

High performance

HX 204	201 grams; 0.001 %MC (0.1mg) readability, user guidance, real-time drying curve, user management, method (300) & result (3000) storage, control charts, 4 drying programs, FACT, motorized lid, designed for compliance
HS 153	151grams:0.01 %MC (1 mg) readability, user guidance, real-time drying curve, user management, method (99) and result storage (3000), 3 drying programs, control charts.

Precision & Portable Balance

PL-E Portable Balances

Capacity up to 6200 g
Readability down to 0.01 g



ME Precision Balances

Capacity up to 4.2 kg
Readability down to 1 mg



Five Easy Standard pH & Cond. Meter Line

Model	FP20-Bio-Kit	FP20-Std-Kit	FP30-Std-Kit
Parameter	pH; ORP	pH; ORP	Conductivity
Sensor	LE 410	LE438	LE703
Range	-2 - 16	-2 - 16	0.01 μ S/cm - 500 mS/cm
Temp.range	-5 °C - 105 °C		
Data Transfer	PC; Printer		



Seven Compact Advanced pH Meter Line

Model	S 210 Standard kit	S 220 Standard kit	S 230 Cond. Meter	S 213 pH/Cond	
Parameter	pH; ORP	pH; Ion; ORP	Conductivity	pH; Conductivity; ORP	
Sensor	InLab Expert Pro-ISM	InLab Expert Pro-ISM	InLab 731-ISM	InLab Expert Pro-ISM; InLab 731-ISM	
Range	-2 – 20		0.001 μ S/cm – 1000 mS/cm	-2 – 20	0.001 μ S/cm – 1000 mS/cm
Temp.range	-30 °C – 130 °C				
Security & Compliance	GLP; Password protection; User management				
Memory	1,000 measurements				
Data transfer	PC; Printer; USB stick				

SevenExcellence

Multi-Channel, Modular with Full Compliance Support, SevenExcellence™ is the perfect choice for applications where maximum measurement accuracy is required.

S 400	pH Meter
S 500	pH/Ion Meter
S 700	Cond. Meter
S 900	DO Meter
S 600	
S 470	pH/Cond. Meter
S 475	pH/Ion/Cond. Meter
S 479K	pH/DO/Cond. Meter
S 975K	pH/Ion/Cond/DO Meter



Model	Shaft Material	Sample
pH electrode InLab Routine(S7)	Glass	General Purpose; High-ion strength; hot samples; TRIS buffer; water
pH electrode InLab Routine pro (Multi pin)	Glass	General Purpose; High-ion strength; hot samples; TRIS buffer; water
pH electrode InLab Routine Pro-ISM	Glass	General Purpose; High-ion strength; hot samples; TRIS buffer; water
pH electrode InLab Routin Pt1000 (Multi pin)	Glass	General Purpose; High-ion strength; hot samples; TRIS buffer; water
pH electrode InLab Routine Go-ISM (BNC/RCA (Cinch) IP67)	Glass	General Purpose; High-ion strength; hot samples; TRIS buffer; water
pH Electrode InLab Max Pro-ISM	Glass	General Purpose; High-ion strength; hot samples; TRIS buffer; water
pH electrode InLab Science (S7)	Glass	General Purpose; TRIS buffer; waste water
pH electrode InLab Science Pro-ISM	Glass	General Purpose; non-aquous samples; TRIS buffer; waste water
pH electrode InLab Versatile Pro	PSU	General Purpose; water
pH electrode InLab Expert (S7)	PEEK	General Purpose; waste water; water
pH electrode InLab Expert Pro (BNC/RCA (Cinch))	PEEK	General Purpose; waste water; water
pH electrode InLab Expert Pro-ISM	PEEK	General Purpose; waste water; water
pH electrode InLab Expert Pro-2m-ISM (BNC/RCA (Cinch))	PEEK	General Purpose; waste water; water
pH electrode InLab Expert DIN (DIN 19262/4mm)	PEEK	General Purpose; waste water; water
pH electrode InLab Expert NTC30	PEEK	General Purpose; waste water; water
pH electrode InLab Expert Pt1000	PEEK	General Purpose; waste water; water
pH electrode InLab Expert Go (BNC/RCA (Cinch) IP67)	PEEK	General Purpose; waste water; water
pH electrode InLab Expert Go-ISM	PEEK	General Purpose; waste water; water
pH electrode InLab Expert Go-5m-ISM	PEEK	General Purpose; waste water; water
pH electrode InLab Expert Go-10m-ISM	PEEK	General Purpose; waste water; water
pH electrode InLab 413/IP67 (BNC/RCA (Cinch) IP67 old)	PEEK	General Purpose; waste water; water
pH electrode InLab Power (S7)	Glass	General Purpose; High-ion strength; hot samples
pH electrode InLab Power Pro-ISM	Glass	General Purpose; High-ion strength; hot samples
pH electrode InLab Easy	PSU	General Purpose
pH electrode InLab Easy BNC	PSU	General Purpose
pH Electrode InLab Ultra-Micro-ISM	Glass	Small samples
pH electrode InLab Micro (S7)	Glass	Small samples
pH electrode InLab Micro Pro-ISM (MultiPin™)	Glass	Small samples

pHElectrodes Models

Model	Shaft Material	Sample
pH electrode InLab Semi-Micro (S7)	Glass	Small samples; Viscous samples
pH electrode InLab Flex-Micro (BNC)	Epoxy	Small samples
pH electrode InLab NMR (S7)	Glass	Small samples
InLab Nano (BNC)	Stainless Steel	Small samples
pH electrode InLab Solids (S7)	Glass	Semi-solid samples
pH electrode InLab Solids Pro-ISM	Glass	Semi-solid samples
pH electrode InLab Solids Go-ISM	Glass	Semi-solid samples
pH electrode InLab Viscous	Glass	Emulsion; Viscous samples
pH electrode InLab Viscous Pro-ISM	Glass	Emulsion; Viscous samples
pH electrode InLab Dairy	Glass	Emulsion
pH electrode InLab Surface	Glass	Surface
pH Electrode InLab Surface Pro-ISM	Glass	Surface
pH electrode InLab Pure	Glass	Low-ion strength (pure water)
pH electrode InLab Pure Pro-ISM	Glass	Low-ion strength (pure water)
pH electrode InLab Water Go	PSU	Low-ion strength (pure water); water
pH electrode InLab Cool (S7)	Glass	Cold samples (down to -30°C.)
pH Electrode InLab Cool Pro-ISM	Glass	Cold samples (down to -30°C.)
pH electrode InLab Hydrofluoric	Glass	HF bearing samples (<1g/L)
pH electrode InLab Semi-Micro-L	Glass	Small samples
pH electrode InLab Reach 225	Glass	Large Samples
pH Electrode InLab Reach Pro-225	Glass	Large Samples
pH Electrode InLab Reach Pt1000-225	Glass	Large Samples
pH Electrode InLab Reach 425	Glass	Large Samples
pH electrode InLab Reach Pro-425	Glass	Large Samples
pH electrode InLab Reach Pt1000-425	Glass	Large Samples
pH electrode InLab Smart Pro-ISM	Glass	General Purpose; High-ion strength; hot samples
pH electrode InLab Flow	Glass	measurement in flow-through cell 611
pH electrode InLab Mono	Glass	General purpose
pH electrode InLab Mono Plus	Glass	Hot Samples
pH electrode InLab Reference	Glass	General purpose
pH electrode InLab Reference Plus	Glass	General purpose ; Waste Water
pH electrode InLab Reference Flow	Glass	Hot Samples

Portable pH/Cond/DO Meter

FiveGo Standard Single-Channel Portable		SevenGo Duo-Dual-Channel Portable		Seven2Go Advanced Single-Channel Portable	
F2	pH Meter	SG 68	pH/Ion/DO Meter	S7	Cond. Meter
F3	Cond. Meter	SG 78	pH/Ion/Cond Meter	S8	pH/Ion Meter
F4	DO Meter	SG98	pH/Ion/DO Meter	S9	DO Meter
		SG 23	pH/Cond. Meter	S2	pH Meter
				S3	Cond. Meter
				S4	DO Meter

Data Security with LabX® PC Software

LabX® adds more functionality to your pH meter such as data and resource management, report creation and ERP/LIMS integration. It also offers regulation support and connects SevenExcellence™ to other laboratory instruments.



Titrators

Titrator Excellence	Potentiometric Compact Titrator	KF titrator (Volumetric Coulometric)	Easy plus Titration	High Throughput Titration
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Melting point Apparatus

Excellence Instruments for Automatic Melting Point, Boiling Point, Cloud Point, and Slip Melting Point Determination.

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Refractometer

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GEA

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POLYMER SOLUTIONS

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technologies

PolyScience

Photonics
SOLUTIONS

MACCOR

LifeForm

KU OTA

Heraeus



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scientific

diatron

MEDICA



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Payto

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Japan's Technology

IGOLD-SIN

IB
Instruments & Technology Group

#FORMULATRIX

SERVICE

(Including AMC & Spares)

Weighing Balances

Moisture Analyzers

pH Meter

Conductivity Meter

KF Titrators

Refractrometer

Density Meters

UV-Vis Spectrophotometer

Melting Point Apparatus



For queries, please contact us:

Contact Number : 9966634008 | Email ID: mettlersales@inkarp.co.in

INKARP INSTRUMENTS PRIVATE LIMITED

1-2-45/1. Street No.2, Kakateeya Nagar Colony, Habsiguda, Hyderabad-500007. www.inkarp.co.in