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## Mettler XP 204

### Performance Specifications

#### Features and Benefits:

**SmartGrid:** unparalleled weighing performance, thanks to the revolutionary grid weighing pan which successfully minimizes the effects of turbulence in the weighing chamber. Results are more accurate and stabilization times dramatically shorter.

**SmartSens:** hands-free operation for personnel security The user can concentrate fully on the safe handling of samples to avoid spillage and minimize the risk of contamination.

**SmartScreen:** guides the user by color for safe operation. Outstanding ease of use with touch-screen technology.

**LevelControl:** warns if the balance is not correctly levelled to ensure the accuracy of your results.

**Connectivity:** pace-setting interfacing flexibility - including Ethernet, Bluetooth (wireless connection) and PS/2 - for efficient data capture and easy network integration.

**Integrated anti-static kit** (option): discharge static samples instantly without any risk of contamination.

#### Specifications - XP204 Analytical Balance

Maximum Capacity	220 g
Readability	0.1 mg
Minimum weigh (typical acc. USP)	120 mg
Minimum weigh (typical, U=1%, sd=2)	8 mg
Taring range	0...220 g
Repeatability	0.05 - 0.07 mg
Linearity	0.2 mg

Eccentric Load	0.25 mg
Adjustment with internal weights	proFACT, fully automatic time- and temperature-controlled adjustment
Adjustment with external weights	custom weights
Sensitivity Accuracy	$3.0 \times 10^{-6} \cdot R_{nt}$
Sensitivity Stability	$1 \times 10^{-6}/a \cdot R_{nt}$
Sensitivity offset	$3 \times 10^{-6} \cdot R_{nt}$
Sensitivity temperature drift	$1 \times 10^{-6}/^{\circ}\text{C} \cdot R_{nt}$
Settling Time	1.5 s
Interfaces	RS-232C
Dimensions	263x487x322 mm (WxDxH)
Usable height of draft shield	235 mm
Size of weighing pan	78 x 73 mm

### Standard Features:

SmartSens, hands-free operation  
 SmartGrid, revolutionary grid weighing pan  
 SmartScreen, ease of use with color touch-screen display  
 ErgoClip for secure placement of all tare containers  
 LevelControl warns if balance is not levelled correctly  
 Automatic and detachable draftshield  
 proFACT  
 RS-232C interface  
 Option slot for second interface, choice of 7 different interfaces  
 Inner draftshield plate, adjustable  
 Protective cover  
 Prepared for weighing below the balance  
 Detachable and adjustable Terminal

**All Models Offer:**

QM-Toolbox, including user administration and password protection

MinWeigh

Target weighing

Statistical evaluation

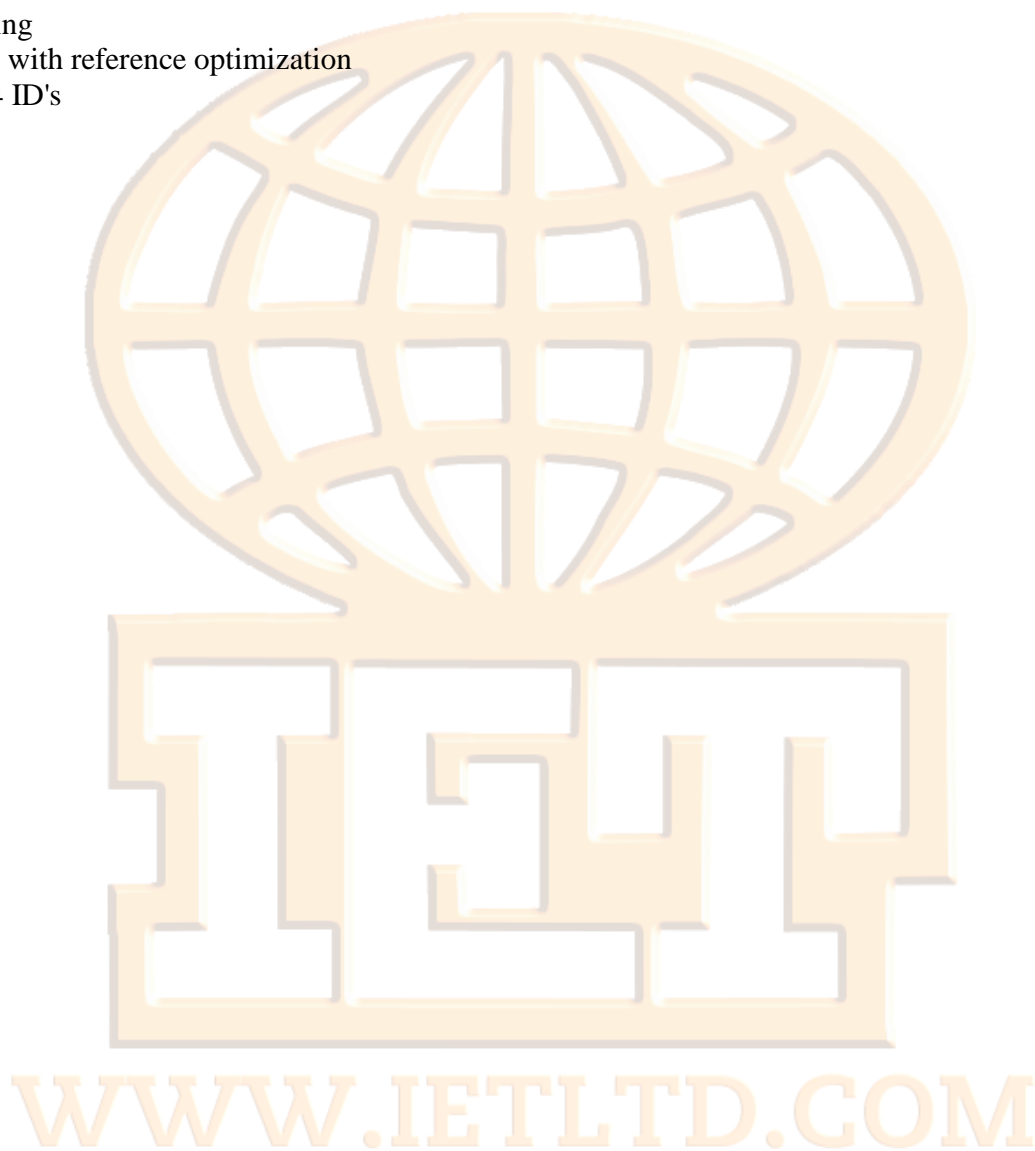
Formulation with security check

Density determination

Percent weighing

Piece counting with reference optimization

Data entry of 4 ID's



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