



Analytical



Precision

### STANDARD FEATURES

- Easy to clean analytical draftshield
- Upfront level indicator
- Selectable environment settings
- Flexibility of available options
- Removable doors for easy cleaning and access
- Upfront level bubble for easy reference
- Selectable environmental settings
- Integral weigh below hook
- Standard security bracket
- Standard RS-232C
- Security menu lock
- Multiple application models and units of measure

### APPROVALS



### SPECIFICATIONS

#### APPLICATION MODES:

Weighing, parts counting, percent

#### WEIGHING UNITS:

mg, g, ct, oz, dwt, tical, tola, mommes, baht, grain, mesghal, Newton, ozt, teals

#### PLATFORM SIZE:

Analytical: 3.54 in (90mm) dia.  
Precision PA153, PA3113: 4.72 in (120mm) dia  
Precision PA512, 1502, 3102, 4101: 7.1 in (180mm) dia

#### REPEATABILITY:

Analytical: 0.1 mg  
Precision: PA153, PA313: 1 mg  
PA512, PA1502, PA3102: 10mg  
PA4101: 100mg

#### LINEARITY:

Analytical: PA64, PA114: 0.2g  
PA214: 0.3g  
Precision: PA153, PA313: 2mg  
PA512, PA1502, PA3102: 20mg  
PA4101: 100mg

#### TARING TIME:

One second

#### STABILIZATION TIME:

Three seconds

#### GROSS WEIGHT:

Analytical: PA153, PA313: 10.0lb/4.5kg  
PA512, PA1502, PA3102, PA4101: 7.3lb/3.3kg

#### SHIPPING WEIGHT:

Analytical: 15.2lb/ 6.9kg  
Precision: PA153, PA313: 15.2lb/6.9kg  
PA512, PA1502, PA3102, PA4101: 11.8lb/ 5.4kg

#### BALANCE DIMENSIONS (W x H x D):

Analytical: 7.7 in x 11.3 in x 12.6 in  
(19.6 cm x 28.7 cm x 32 cm)  
Precision: PA153, PA313: 7.7 in x 11.3 in x 12.6 in  
(19.6 cm x 28.7 cm x 32 cm)  
PA512, PA1502, PA3102, PA4101:  
7.7 in x 3.6 in x 12.6 in (19.6 cm x 9.2 cm x 32 cm)

#### DRAFTSHIELD:

Analytical: yes  
Precision: PA153, PA313: yes

#### OPERATING CONDITIONS:

14° F/-10°C to 104°F/40°C at 10% to 80% relative humidity, non-condensing, up to 4000m above sea level

#### STORAGE TEMP:

-40°F/-40°C to 158°F/70°C at 10% to 80% relative humidity, non-condensing

#### WARRANTY:

Two-year limited warranty

<b>PART #</b>	<b>OHAUS MODEL #</b>	<b>DESCRIPTION</b>	<b>EST. SHIP WEIGHT</b>
<b>Analytical</b>			
102788.....	PA64.....	65g x 0.1mg.....	15.2lb/6.9kg.....
102789.....	PA114.....	110g x 0.1mg.....	15.2lb/6.9kg.....
102790.....	PA214.....	210g x 0.1mg.....	15.2lb/6.9kg.....
<b>Precision</b>			
103509.....	PA153.....	150g x 0.001g.....	15.2lb/6.9kg.....
103510.....	PA313.....	310g x 0.001g.....	15.2lb/6.9kg.....
103511.....	PA512.....	510g x 0.01g.....	15.2lb/6.9kg.....
103512.....	PA1502.....	1510g x 0.01g.....	15.2lb/6.9kg.....
103513.....	PA3102.....	3100g x 0.01g.....	15.2lb/6.9kg.....
103514.....	PA4101.....	4100g x 0.1g.....	15.2lb/6.9kg.....

### **OPTIONS/ACCESSORIES**

104767.....	80252042.....	Compact impact printer, 42 column.....	
67413.....	SW12W.....	TAL software WinWedge®.....	
104770.....	80251932.....	Paper for printer.....	
104771.....	80251933.....	Ribbon for printer.....	
71960.....	80500571.....	RS-232 cable, printer to Pioneer.....	
70406.....	80500525.....	RS-232 cable, PC 9 pin to Pioneer.....	
77712.....	80500524.....	RS232 cable, PC 25 pin to Pioneer.....	
102798.....	80850045.....	Density determination kit for Pioneer analytical balances (0.1 mg and 1 mg).....	
35263.....	76288-01.....	Security device for pioneer.....	
102799.....	128-00.....	Forceps, 2.75in (70mm).....	
102800.....	129-00.....	Forceps, 3.5in (89mm).....	
33455.....	5076-00.....	Aluminum scoop, 1.5in x 2in (3.8cm x 5.1cm), weight 4g.....	
33456.....	5077-00.....	Gold scoop, 2.25in x 3in (5.7cm x 7.6cm), weight 10g.....	
33454.....	4590-30.....	Black scoop, aluminum 4in x 3.5in (10.2cm x 8.9cm), weight 24g.....	
33451.....	3369-10.....	Polypropylene Maxi-Scoop™ 10in dia. x 2.5in deep (25.4cm dia. x 6.4cm deep) with pouring spout, weight 145g.....	
102801.....	71147059.....	Plastic sccoop, 1.3in x 1.5in x 0.4in deep with pouring spout, weight 1.2g.....	
97250.....	80250400.....	Stainless steel scoop 11.9 x 7.38 x 1.69in.....	
100292.....	80250400.....	Stainless steel scoop 17.2 x 11 x 3.4in (44 x 28 x 8.5cm).....	

WinWedge is a registered trademark of TAL Software.

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