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Rice Lake RS-130/RS-160

Battery-Operated Price Computing Scales



RS-130 Pole



RS-160 Bench

Approvals



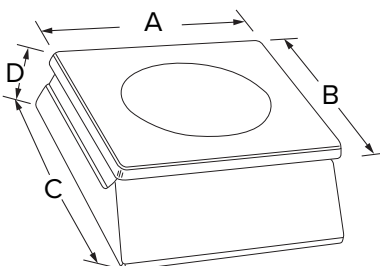
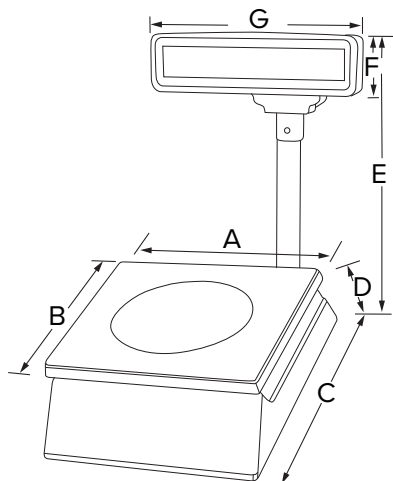
Part Number/Price

Part #	Model	Capacity	Est. Weight	Price
167941	RS-130 Bench	30 × 0.01 lb 15 × 0.005 kg 480 × 0.2 oz	12 lb	\$396.00
168100	RS-130 Pole	30 × 0.01 lb 15 × 0.005 kg 480 × 0.2 oz	13 lb	\$407.00
167942	RS-160 Bench	60 × 0.02 lb 30 × 0.01 kg 960 × 0.5 oz	12 lb	\$406.00
168101	RS-160 Pole	60 × 0.02 lb 30 × 0.01 kg 960 × 0.5 oz	13 lb	\$419.00

NOTE: Buy quantity of 5 and get a 50% discount

Options/Accessories

Part #	Description	Price
169634	Additional operating manual	\$15.00
169635	Additional calibration instructions	\$5.00
85711	Additional in-use cover	\$7.00
47976	Fish platter, (W × D) 9.5 × 13.5 in	\$108.00
47977	Produce platter, (W × D) 9.5 × 13.5 in	\$85.00
85710	Replacement rechargeable battery, 6 V	\$25.00



Standard Features

- Toggle between lb/kg/oz*
- PLU keys for direct price lookups
- Cash back calculation
- Large stainless steel platter
- In-use cover
- Pole swivels to face desired direction
- Battery charge indicator
- Internal sealed battery
- Customer display

*Not Measurement Canada Approved

Specifications

Power:

Rechargeable battery: DC 6 V/25 mA
AC adapter: AC 115 V/0.1 A max (included)

Battery Life:

100+ hours, 8 to 10 hours to recharge

Resolution:

Display: 3,000 divisions maximum

Annunciators:

Net, zero, kg, lb, oz. change due, cash received

Display:

LCD backlit, 0.45 in (11.5 mm)

Display Items:

Weight: Five-digits
Unit price: Five-digits
Total price: Six-digits

Keys/Buttons:

Change, unit, zero, tare buttons
Nine PLU keys

Temperature Range:

Certified: 14 °F to 104 °F (-10 °C to 40 °C)

Warranty:

One-year limited

Approvals:

NTEP 04-067, Class III 3000d

Dimensions

Bench			
Unit			
A	300 mm	C	330 mm
B	240 mm	D	120 mm
Pole			
Unit			
A	300 mm	E	410 mm
B	240 mm	F	78 mm
C	330 mm	G	280 mm
D	120 mm		

RETAIL SCALES

Ishida Astra II

Price Computing Scale with Printer



Standard Features

- Programmable function keys
- Blue alphanumeric LCD display
- Convenient side-loading label feature
- Wired Ethernet
- Customer display

Specifications

Power:

AC 100 to 240 V, 50/60 Hz

Power Consumption:

Standby: 50 W

In operation: 100 W

Resolution:

Display: 3,000 divisions

Communication Ports:

Ethernet: TCP/IP 10/100 Base-T

USB: data backup and restore

Memory Capacity:

2 MB

Annunciators:

Net, zero, save, auto

Display:

Blue alphanumeric LCD display (23 digits, 16 segments)

Display Items:

Tare: four-digits

Unit price: five-digits

Total price: six-digits

Keys/Buttons:

84 one-touch preset keys, 168 presets (assign two items/key)

Printing Speed:

3.9 in (100 mm) per second

Printing:

Direct thermal 2.2 in (56 mm) (448 dot, 8 dot/mm)

Label Size:

Width: 1.5 to 2.5 in (38 to 64 mm)

Length: 1.2 to 6.9 in (30 to 175 mm)

Label Roll:

Inside diameter: 1.6 in (40 mm)

Outside diameter: 3.9 in (100 mm)

Label Backing Paper:

Width: Up to 2.6 in (66 mm)

Temperature :

Certified: 14 °F to 104 °F (-10 °C to 40 °C)

Warranty:

One-year limited

Approvals:

NTEP 07-005

UL

Approvals



Part Number/Price

Part #	Model	Capacity	Est. Weight	Price
185822	Astra II Bench	30 × 0.01 lb	25 lb	\$1,919.00
185823	Astra II Pole	30 × 0.01 lb	25 lb	\$2,016.00
190641	Astra II Lite software CD (available for download at www.ricelake.com)			N/C
190642	Astra II Lite license file (for one computer only, not transferable)			\$154.00

Options/Accessories

Part #	Description	Price
47977	Produce platter (sits on top platter included with scale)	\$85.00
47976	Fish platter (sits on top platter included with scale)	\$108.00
47341	Continuous roll thermal journal paper, 64 mm W × 50 m L (for reports only)	\$6.00
184273*	Technical manual	\$15.00
184270*	Additional operating manual	\$15.00
184274*	Additional operation card	\$15.00
170916	Additional operator keysheet insert	\$28.00
Label Stock		
47732	2.36 × 1.73 in (60 × 44 mm)	\$96.00
47733	2.52 × 1.85 in (64 × 47 mm)	\$96.00
47735	2.52 × 2.32 (64 × 59 mm)	\$96.00
47736	Pre-printed safe handling instructions, 2.52 × 2.32 in (64 × 59 mm)	\$96.00
47743 ***	Extended text, 2.52 × 3.34 in (64 × 85 mm)	\$96.00
47745	Pre-printed safe handling instructions on top of label, 2.52 × 3.34 in (64 × 85 mm)	\$96.00
47753	Blank 2.52 × 1.46 in (64 × 37 mm)	\$96.00
47754	Blank 2.52 × 1.85 in (64 × 47 mm)	\$99.00
47761	Continuous strip label stock 2.25 x 121 in (64 x 37,000 mm)	\$96.00
47762	Non-bar code, 2.52 × 2.32 in (64 × 37 mm)	\$96.00
105346	Blank 2.52 × 3.34 in (64 × 85 mm)	\$96.00

Label stock, please consult factory for case quantity pricing. Examples shown on page 943

Labels sold by the case-12 rolls per case.

* Manuals and software programs can be downloaded at www.ricelake.com

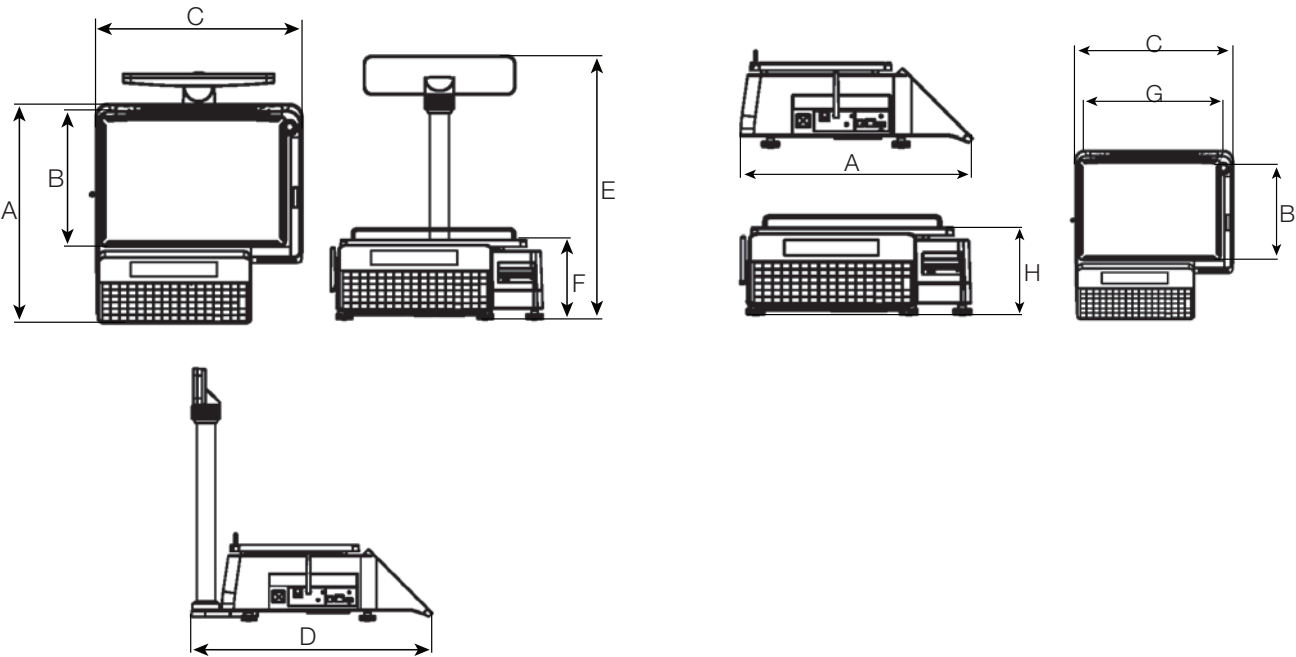
*** Safe handling instructions can also be printed by scale

Ishida Astra II

Price Computing Scale with Printer

Dimensions

Bench
Unit
17.2 × 16.1 × 6.3 in (437 × 410 × 159 mm)
Stainless Steel Platter
10.5 × 14.6 in (268 × 370 mm)
Pole
Unit
17.2 × 16.1 × 6.3 in (437 × 410 × 159 mm)
Stainless Steel Platter
10.5 × 14.6 in (268 × 370 mm)
Unit with Pole
19.7 × 16.1 × 20.6 in (500 × 410 × 524 mm)



RETAIL SCALES

Ishida Astra II Standard Label Formats

Titles on labels are pre-printed (SELL BY, PACKED ON, \$ LB, NET WT, TOTAL PRICE)

Maximum description text per label:

Formats 1-5 1 name line + 2 ingredient lines

Format 6 1 name line + 6 ingredient lines

Format 7 1 name line + 17 ingredient lines

Format 8 1 name line + 6 ingredient lines

Format 1

SELL BY	PACKED ON	\$/LB.	NET WT.(LB.)
TOTAL PRICE(\$)			

Example PN 47732

60 x 44 STD.
Part #47732 800 Labels Per Roll

SELL BY	PACKED ON	\$/LB.	WEIGHT(LB.)
SEP28.15	SEP27.15	0.00	0.71

0 200000 200003 1000

TOTAL PRICE(\$)
\$0.00

RICE LAKE/ISHIDA
230 W. Coleman St. Rice Lake, WI (800) 472-6703

Format 5

PACKED ON	\$/LB.	NET WT.	TOTAL PRICE
TOTAL PRICE			

Example PN 47762

60 x 37 NON BAR CODE
Part #47762 1000 Labels Per Roll

PACKED ON	\$/LB.	NET WT.	TOTAL PRICE
SEP27.15	0.00	0.71	\$0.00

SELL BY
SEP28.15

RICE LAKE/ISHIDA
230 W. Coleman St. Rice Lake, WI (800) 472-6703

1000

Format 2

SELL BY	PACKED ON	\$/LB.	NET WT.
TOTAL PRICE			

Example PN 47733

64 x 47 STD.
Part #47733 800 Labels Per Roll

SELL BY	PACKED ON	\$/LB.	NET WT.
SEP28.15	SEP27.15	0.00	0.71

0 200000 200003 1000

TOTAL PRICE
\$0.00

RICE LAKE/ISHIDA
230 W. Coleman St. Rice Lake, WI (800) 472-6703

Format 6

SELL BY	PACKED ON	\$/LB.	NET WT.
TOTAL PRICE			

Example PN 47735

64 x 59 EXTENDED TEXT
Part #47735 625 Labels Per Roll

SELL BY	PACKED ON	\$/LB.	NET WT.
SEP28.15	SEP27.15	5.99	0.14

TOTAL PRICE
\$0.84

RICE LAKE/ISHIDA
230 W. Coleman St. Rice Lake, WI (800) 472-6703

Format 3

SELL BY	PACKED ON	\$/LB.	NET WT.(LB.)
TOTAL PRICE \$			

Example PN 47743

64 x 85 SAFE HANDLING
Part #47743 425 Labels Per Roll

SAFE HANDLING INSTRUCTIONS
THIS PRODUCT WAS PREPARED FROM INSPECTED AND PASSED MEAT AND/OR POULTRY. SOME FOOD PRODUCTS MAY CONTAIN BACTERIA THAT COULD CAUSE ILLNESS IF THE PRODUCT IS MISHANDLED OR COOKED IMPROPERLY. FOR YOUR PROTECTION, FOLLOW THESE SAFE HANDLING INSTRUCTIONS:
KEEP REFRIGERATED OR FROZEN, THAW IN REFRIGERATOR OR MICROWAVE.
KEEP RAW MEAT AND POULTRY SEPARATE FROM OTHER FOODS, WASH WORKING SURFACES (INCLUDING CUTTING BOARDS, UTENSILS, AND HANDS) IMMEDIATELY AFTER TOUCHING RAW MEAT OR POULTRY.
COOK THOROUGHLY.
KEEP HOT FOODS HOT. REFRIGERATE LEFTOVERS IMMEDIATELY OR DISCARD.

SELL BY	PACKED ON	\$/LB.	NET WT.(LB.)
SEP28.15	SEP27.15	0.00	0.71

0 200000 200003 1000

TOTAL PRICE \$
\$0.00

RICE LAKE/ISHIDA
230 W. Coleman St. Rice Lake, WI (800) 472-6703

Format 7

SELL BY	PACKED ON	\$/LB.	NET WT.(LB.)
TOTAL PRICE \$			

Example PN 47743

64 x 85 EXTENDED TEXT
Part #47743 425 Labels Per Roll

SELL BY	PACKED ON	\$/LB.	NET WT.(LB.)
SEP28.23	SEP27.23	0.49	0.71

0 200000 200353

TOTAL PRICE \$
\$0.35

RICE LAKE/ISHIDA
230 W. Coleman St. Rice Lake, WI (800) 472-6703

Format 4

SAFE HANDLING INSTRUCTIONS
THIS PRODUCT WAS PREPARED FROM INSPECTED AND PASSED MEAT AND/OR POULTRY. SOME FOOD PRODUCTS MAY CONTAIN BACTERIA THAT COULD CAUSE ILLNESS IF THE PRODUCT IS MISHANDLED OR COOKED IMPROPERLY. FOR YOUR PROTECTION, FOLLOW THESE SAFE HANDLING INSTRUCTIONS:
KEEP REFRIGERATED OR FROZEN, THAW IN REFRIGERATOR OR MICROWAVE.
KEEP RAW MEAT AND POULTRY SEPARATE FROM OTHER FOODS, WASH WORKING SURFACES (INCLUDING CUTTING BOARDS, UTENSILS, AND HANDS) IMMEDIATELY AFTER TOUCHING RAW MEAT OR POULTRY.
COOK THOROUGHLY.
KEEP HOT FOODS HOT. REFRIGERATE LEFTOVERS IMMEDIATELY OR DISCARD.

NET WT	PRICE/LB	DATE
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TOTAL PRICE

Example PN 47736

64 x 59 SAFE HANDLING
Part #47736 625 Labels Per Roll

SAFE HANDLING INSTRUCTIONS
THIS PRODUCT WAS PREPARED FROM INSPECTED AND PASSED MEAT AND/OR POULTRY. SOME FOOD PRODUCTS MAY CONTAIN BACTERIA THAT COULD CAUSE ILLNESS IF THE PRODUCT IS MISHANDLED OR COOKED IMPROPERLY. FOR YOUR PROTECTION, FOLLOW THESE SAFE HANDLING INSTRUCTIONS:
KEEP REFRIGERATED OR FROZEN, THAW IN REFRIGERATOR OR MICROWAVE.
KEEP RAW MEAT AND POULTRY SEPARATE FROM OTHER FOODS, WASH WORKING SURFACES (INCLUDING CUTTING BOARDS, UTENSILS, AND HANDS) IMMEDIATELY AFTER TOUCHING RAW MEAT OR POULTRY.
COOK THOROUGHLY.
KEEP HOT FOODS HOT. REFRIGERATE LEFTOVERS IMMEDIATELY OR DISCARD.

NET WT	PRICE/LB	DATE
0.71	0.00	SEP27.15 SEP28.15

0 200000 200003 1000

TOTAL PRICE
\$0.00

RICE LAKE/ISHIDA
230 W. Coleman St. Rice Lake, WI (800) 472-6703

Format 8

SAFE HANDLING INSTRUCTIONS
THIS PRODUCT WAS PREPARED FROM INSPECTED AND PASSED MEAT AND/OR POULTRY. SOME FOOD PRODUCTS MAY CONTAIN BACTERIA THAT COULD CAUSE ILLNESS IF THE PRODUCT IS MISHANDLED OR COOKED IMPROPERLY. FOR YOUR PROTECTION, FOLLOW THESE SAFE HANDLING INSTRUCTIONS:
KEEP REFRIGERATED OR FROZEN, THAW IN REFRIGERATOR OR MICROWAVE.
KEEP RAW MEAT AND POULTRY SEPARATE FROM OTHER FOODS, WASH WORKING SURFACES (INCLUDING CUTTING BOARDS, UTENSILS, AND HANDS) IMMEDIATELY AFTER TOUCHING RAW MEAT OR POULTRY.
COOK THOROUGHLY.
KEEP HOT FOODS HOT. REFRIGERATE LEFTOVERS IMMEDIATELY OR DISCARD.

SELL BY	PACKED ON	\$/LB.	NET WT.
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TOTAL PRICE

Example PN 47745

64 x 85 REDUCED S.H.
Part #47745 425 Labels Per Roll

SAFE HANDLING INSTRUCTIONS
THIS PRODUCT WAS PREPARED FROM INSPECTED AND PASSED MEAT AND/OR POULTRY. SOME FOOD PRODUCTS MAY CONTAIN BACTERIA THAT COULD CAUSE ILLNESS IF THE PRODUCT IS MISHANDLED OR COOKED IMPROPERLY. FOR YOUR PROTECTION, FOLLOW THESE SAFE HANDLING INSTRUCTIONS:
KEEP REFRIGERATED OR FROZEN, THAW IN REFRIGERATOR OR MICROWAVE.
KEEP RAW MEAT AND POULTRY SEPARATE FROM OTHER FOODS, WASH WORKING SURFACES (INCLUDING CUTTING BOARDS, UTENSILS, AND HANDS) IMMEDIATELY AFTER TOUCHING RAW MEAT OR POULTRY.
COOK THOROUGHLY.
KEEP HOT FOODS HOT. REFRIGATE LEFTOVERS IMMEDIATELY OR DISCARD.

SELL BY	PACKED ON	\$/LB.	NET WT.
SEP28.15	SEP27.15	3.30	0.72

0 200000 202383

TOTAL PRICE
\$2.38

RICE LAKE/ISHIDA
230 W. Coleman St. Rice Lake, WI (800) 472-6703

RETAIL SCALES

BenchPro™ BP-R

Multi-Purpose Digital Bench Scale



Approvals



Measurement
Canada
Approved



Part Number/Price

Part #	Capacity	Dimensions	Est. Weight	Price
182374	15 × 0.005 lb (6 × 0.002 kg) / 15 lb × 0.1 oz	6 × 10 in	12 lb	\$825.00
182375	30 × 0.01 lb (15 × 0.005 kg) / 30 lb × 0.2 oz	6 × 10 in	12 lb	\$825.00
182376	15 × 0.005 lb (6 × 0.002 kg) / 15 lb × 0.1 oz	10 × 10 in	15 lb	\$825.00
182377	30 × 0.01 lb (15 × 0.005 kg) / 30 lb × 0.2 oz	10 × 10 in	15 lb	\$825.00
179733	15 × 0.005 lb (6 × 0.002 kg) / 15 lb × 0.1 oz	12 × 14 in	17 lb	\$665.00
179732	30 × 0.01 lb (15 × 0.005 kg) / 30 lb × 0.2 oz	12 × 14 in	17 lb	\$665.00

Options/Accessories

Part #	Description	Est. Weight	Price
174783	Column bracket and post (12 × 14 in scale only)	2 lb	\$50.00
180901	Second customer display, BenchPro BP-R no keyboard with 68 in cable	4 lb	\$72.00
174784	Second remote operator display, BenchPro BP-R with 68 in cable	4 lb	\$88.00
183103	16 in (H) tabletop display post for use with second display, customer or remote operator	4 lb	\$215.00
178501	USB-RS-232 serial adapter	1 lb	\$60.00
196179	Wedgelink cable for direct RS-232 output, 9600-N-8-1	1 lb	\$255.00



Operator display



Customer display
(optional)

Standard Features

- Large LCD display protected by heavy-duty tempered glass
- Powered USB HID point of sale interface – plug and play USB interface provides power and communications
- Interface for use with SMA, NCI and ECR
- Battery operation for portability (BP-R 12 × 14 scale only)
- Gravitational compensation allows for adjustment of factory calibration to meet your local gravity setting, non-approved

Specifications

Power:

Line Voltage: 100 to 240 VAC, +10% -15%
(US 3-prong plug, w/ground)
Batteries: (12 × 14 units only)
four AA alkaline batteries (not included)

Power Consumption:

Frequency: 50/60 Hz ± 3 Hz
DC: 12 V at 0.1 amps minimum

Battery Life:

250 hrs sleep mode or 80 hrs continuous use,
backlight on 80 hrs sleep mode or 50 hrs continuous use

Dynamic Response:

0 to 1,000 d, 1.0 sec, maximum average
1,000 d +, 1.5 sec, maximum average

Communication Ports:

RS-232 DB 9-pin male to female, straight pass through and null modem (10 ft cable included)
USB A/B type (46 in cable included)
USB HID, 2.0 full speed, vendor ID 1C19, product ID 0002

Annunciators:

Zero, gross/brutto, net, W1/W2/W3, lb, oz, kg

Display:

Six-digit backlight LCD display with 1 in (29 mm) characters protected by heavy-duty tempered glass

Keys/Buttons:

Zero, units, tare, F1

Temperature:

Certified: 14 °F to 104 °F (-10 °C to 40 °C)

Warranty:

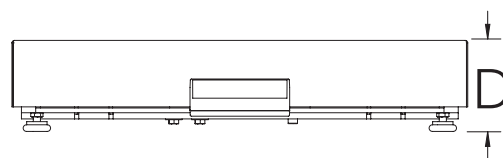
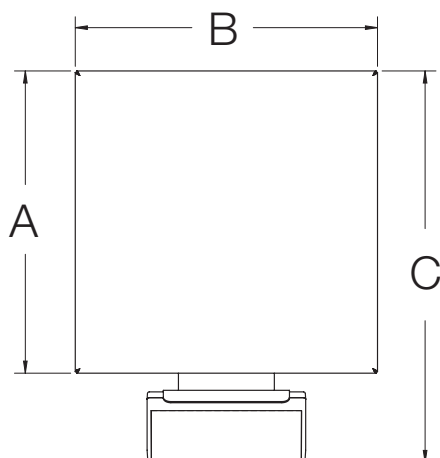
One-year limited

Approvals:

NTEP 07-002
Measurement Canada AM-6050
CE

Dimensions

	A	B	C	D
6 × 10 in	6.0 in	10.0 in	9.0 in	2.4 in
10 × 10 in	10.0 in	10.0 in	13.0 in	2.5 in
12 × 14 in	12.0 in	14.0 in	14.5 in	2.7 in



BP-R 12 × 14 scale



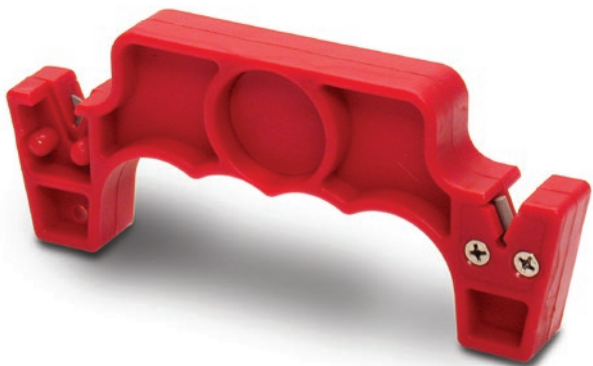
BP-R 06 × 10 scale



BP-R 12 × 14 scale with optional
column bracket & post

QuikSharp™

Sharpener



Standard Features

- Tungsten carbide sharpener
- Ceramic honing rods
- Reversible blades

Specifications

Blades:

Tungsten carbide

Dimensions:

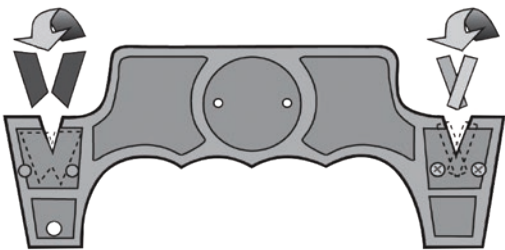
(L × W × H)
6 × 0.75 × 2.5 in
(152 × 19 × 64 mm)

Honing Rods:

Ceramic

Part Number/Price

Part #	Description	Weight	Price
78720	Intruder QuikSharp™ complete knife sharpening system	2.25 oz	\$14.00



HOW TO REVERSE CARBIDE BLADES AND CERAMIC RODS

1. Remove screws to open sharpener.

2. Reverse blades or rods as shown.

3. Replace screws and reassemble sharpener.

Reversible blades have a total expected life of four to five years with normal use.

Weight Set

ASTM Class 5 Stainless Steel Satin 30 lb kit



Standard Features

- ASTM Class 5
- Protective case
- Stainless steel

Weight Sets

Part #	Description	Price
12638	30 lb weight kit (10 lb - 3 pcs) satin	\$975.00
12640	30 lb weight kit (5 lb - 6 pcs) satin	\$1,130.00

Optional Certificate

Accredited
\$235.00
\$470.00