



Warrior scales meet the demands of washdown and clean room environments in most applications, including food, pharmaceutical, veterinary, industrial and manufacturing tasks. Featuring an IP66-rated stainless steel base and sealed indicator, the scale is durable and easy to clean. A dynamic weighing function facilitates liquid measurement in laboratory use, while checkweighing with colored LED lights simplifies repetitive sample weighing. The large display is backlit for easy reading, reducing the chance of errors when transcribing results. With data output via a RS-232 interface and optional relay triggers, the Warrior can be set to control other devices.

With strength, performance and intuitive features, the Warrior emerges victorious in washdown settings



## Features

- Vivid, backlit LCD easily visible in any lighting conditions
- Programmable backlight can be set to “always on,” “always off” or “light only when weighing”
- Capacity tracker built into display for easily monitoring possible overloads
- Checkweighing LEDs light to clearly show under, over and acceptable limits
- Color-coded keys facilitate quick recognition of the most frequently used buttons
- Heavy-duty rubber feet ensure stability of unit
- Large, grade 304 stainless steel pan allows swift cleaning
- Overload protection helps prevent damage to internal components
- Rugged stainless steel construction for ultimate durability
- Sealed keypad protects against dirt and spills
- Simple key operation allows for easy set up and operation
- Checkweighing with audible alarm
- External calibration allows for verification and adjustment with weights
- Parts counting with preset sample sizes
- Selectable digital filtering for animal/dynamic weighing delivers stable results for moving subjects
- Selectable auto-clear function enables the last item to be reset each time the scale returns to zero
- Zero-tracking feature ensures display returns to zero reading
- IP66-rated for protection against water and dust
- Rechargeable battery included for operation almost anywhere
- Programmable auto power-off to save energy
- AC adapter included

## Applications

- Weighing
- Parts counting
- Percentage weighing
- Checkweighing
- Dynamic / animal weighing

## About ADAM:

For more than 40 years, professionals worldwide have relied on Adam Equipment for an extensive selection of dependable and affordable weighing equipment. Adam provides the right balance of speed, performance and value.

# Warrior® Washdown Scales

Model	WSK 16a	WSK 35a	WSK 70a	WBK 70aH	WBK 70a	WBK 165a	WFK 165aH	WFK 165a	WFK 330a	WLK 330a	
<b>Capacity</b>	16lb / 8kg	35lb / 16kg	70lb / 32kg	70lb / 32kg	70lb / 32kg	165lb / 75kg	165lb / 75kg	165lb / 75kg	330lb / 150kg	330lb / 150kg	
<b>Readability</b>	0.001lb / 0.5g	0.002lb / 1g	0.005lb / 2g	0.002lb / 1g	0.005lb / 2g	0.01lb / 5g	0.002lb / 1g	0.01lb / 5g	0.02lb / 0.01kg	0.02lb / 0.01kg	
<b>Repeatability (S.D.)</b>	0.002lb / 1g	0.004lb / 2g	0.004lb / 2g	0.004lb / 2g	0.01lb / 4g	0.01lb / 5g	0.004lb / 2g	0.002lb / 1g	0.04lb / 0.02kg	0.04lb / 0.02kg	
<b>Linearity (+/-)</b>	0.002lb / 1g	0.004lb / 2g	0.004lb / 2g	0.006lb / 3g	0.01lb / 4g	0.02lb / 10g	0.006lb / 3g	0.02lb / 10g	0.04lb / 0.02kg	0.4lb / 0.02kg	
<b>Pan Size</b>	9.8"x9.8" / 250x250mm			11.8"x15.7" / 300x400mm			15.7"x19.7" / 400x500mm			17.7"x23.6" / 450x600mm	
<b>Weighing Units</b>	g, kg, lb, lb:oz, oz, N										
<b>Stabilization Time (sec)</b>	2										
<b>IP Rating</b>	66										
<b>Interface</b>	Optional RS-232										
<b>Calibration</b>	External calibration										
<b>Display</b>	Backlit LCD with 1.6" / 40mm -high digits										
<b>Power Supply</b>	12VDC 800mA adapter / Internal rechargeable battery										
<b>Operating Temperature</b>	-10° to 40°C / 14° to 104°F										
<b>Housing</b>	Stainless steel										
<b>Overall Dim.</b>	9.8"x13.6"x20.9" / 250x345x532mm (wxdxh)			11.8"x19.7"x23.1" / 300x500x587mm (wxdxh)			15.7"x23.2"x38.3" / 400x590x972mm (wxdxh)			17.7"x27.6"x38.3" / 450x700x972mm (wxdxh)	
<b>Net Weight</b>	13.2lb / 6kg			19.8lb / 9kg			28.7lb / 13kg			41.9lb / 19kg	

## Accessories

Item number	Description
3102311619	In-use wet cover
1120011156	ATP thermal printer
3126011263	ATP thermal printer paper
3126011281	ATP thermal printer paper (pack of 10)
3134012941	RS-232 Cable to ATP Printer 1.5m (factory fitted)
3134012936	RS-232 Cable to 9pin D connector 1.5m (factory fitted)
1100011297	AE402 relay box
600002028	AdamDU data collection program
700660290	Calibration certificate

## Featured Accessories



**ATP thermal printer**  
Easy-to-use features combined with quick set-up equals a truly versatile thermal printer. A single push-button feed key and three easy-to-read LED indicators make operation simple.



**AE402 relay box**  
The relay box is connected by wire to the scale, and helps transmit signals to other devices.



**Adam DU data collection program**  
Adam DU software connects a balance to the laboratory network, helping to achieve seamless data collection, transfer and analysis. DU features an easy-to-use interface with a main command window, allowing users to quickly collect information from up to eight Adam balances simultaneously using RS-232 or USB connections.

## Supplied by