



AD-4961 Series Checkweigher



AD-4971 Metal Detector

	AD-4961-600-1224 Specifications	AD-4961-2KD-2035 Specifications	AD-4961-6K-3050 Specifications	AD-4971 Metal Detector Specifications
Capacity	600 g	500 g/2,000 g	6,000 g	N/A
Resolution	0.01 g	0.01 g/0.1 g	0.1 g	N/A
Accuracy	0.08 g	0.08 g/0.18 g	1.0 g	N/A
Construction	IP65 stainless steel construction with ABS resin display	IP65 stainless steel construction with ABS resin display	IP65 stainless steel construction with ABS resin display and stainless steel control box and base	IP65 stainless steel construction with ABS resin display
Aperture Sizes	N/A	N/A	N/A	From 13.7 in x 3.9 in to 17.7 in x 9.8 in (350 mm x 100 mm to 450 mm x 250 mm)
Display	7 in color touchscreen	7 in color touchscreen	7 in color touchscreen	7 in color touchscreen
Configurations	Checkweigher or conveyor scale	Checkweigher or conveyor scale	Checkweigher or conveyor scale	N/A
Speed	Up to 240 ft per minute (120 m per min)	Up to 240 ft per minute (120 m per min)	Up to 240 ft per minute (80 m per min)	Up to 196 ft per minute (60 m per min)
Max Throughput	150 pcs per min	150 pcs per min	100 pcs per min	N/A
Belts	Food grade urethane belt	Food grade urethane belt	Food grade urethane belt	Food grade urethane belt
Recorded Items	1,000 items (ten groups x 100 items)	1,000 items (ten groups x 100 items)	1,000 items (ten groups x 100 items)	1,000 items
Communication	Modbus TCP, Modbus RTU, RS-232, Ethernet TCP/IP (PostScript Printer), USB (for PostScript Printer, USB memory, data storage, image import use)	Modbus TCP, Modbus RTU, RS-232, RS-485, Ethernet TCP/IP (PostScript Printer), USB (for PostScript Printer, USB memory, data storage, image import use)	Modbus TCP, Modbus RTU, RS-232, RS-485, Ethernet TCP/IP (PostScript Printer), USB (for PostScript Printer, USB memory, data storage, image import use)	Modbus TCP, Modbus RTU, Ethernet TCP/IP (PostScript Printer), USB (for PostScript Printer, USB memory, data storage, image import use)
Input/Output	External input for four non-voltage contact points External output for eight relay points	External input for four non-voltage contact points External output for eight relay points	External input for four non-voltage contact points External output for eight relay points	External input for four non-voltage contact points External output for eight relay points
Power Configuration	100VAC-240VAC (+10%/-15%) single phase, 50/60 Hz; 180VA	100VAC-240VAC (+10%/-15%) single phase, 50/60 Hz; 180VA	100VAC-240VAC (+10%/-15%) single phase, 50/60 Hz; 180VA	100VAC-240VAC (+10%/-15%) single phase, 50/60 Hz; 180VA
Operating Temperature	23°F to 104°F (-5°C to 40°C)	23°F to 104°F (-5°C to 40°C)	23°F to 104°F (-5°C to 40°C)	32°F to 104°F (0°C to 40°C)
External Dimensions	(L x W x H) 27.5 in x 25.9 in x 27.9 in-33.8 in (700 mm x 660 mm x 710 mm-860 mm)	(L x W x H) 27.5 in x 25.9 in x 27.9 in-33.8 in (700 mm x 660 mm x 710 mm-860 mm)	(L x W x H) 39.5 in x 28.9 in x 28.3 in-34.2 in (1,005 mm x 736 mm x 720 mm-870 mm)	Model dependent

A&D Inspection AD-4961 Series

In-Motion Conveyor Scale, Checkweigher and Metal Detector

Part Number/Price

AD-4961-600-1224 600g Checkweigher		
Part #	Checkweigher	Price
186317	EZiCheck checkweigher 600 g	Consult
Part #	Rejector	Price
186318	EZiCheck 600 g air jet reject with two nozzles	Consult
Part #	Options / Accessories	Price
186319	EZiCheck 600 g breeze break	Consult
176622	CW extension leg kit - set of four (up to 40 in)	Consult
186320	Maintenance kit 600 g	Consult

Assembly is required

AD-4961-2K-2035 2 kg Checkweigher		
Part #	Checkweigher	Price
176605	EZiCheck checkweigher 2 kg	Consult
Part #	Rejector	Price
176607	EZiCheck 2 kg dual channel reject flipper	Consult
176610	Air jet rejector (two nozzles)	Consult
176608	EZiCheck 2 kg single channel drop rejector	Consult
Part #	Options / Accessories	Price
176614	EZiCheck-01 display stand	Consult
176612	Tower light 3 zone, must buy AD-4691-01	Consult
176615	EZiCheck-11 upper breeze break	Consult
176617	EZiCheck-12 lower breeze break	Consult
176618	EZiCheck-13 transfer plate	Consult
176619	EZiCheck-14 product guides	Consult
176622	CW extension leg kit - set of four (up to 40 in)	Consult
179427	Maintenance kit 2 kg	Consult
192920	Conveyor connection kit	Consult

Assembly is required

AD-4961-6K-3050 6 kg Checkweigher		
Part #	Checkweigher	Price
176606	EZiCheck checkweigher 6 kg	Consult
Part #	Rejector	Price
176609	EZiCheck 6 kg push ram rejector	Consult
Part #	Options / Accessories	Price
176614	EZiCheck-01 display stand	Consult
176612	Tower light 3 zone, must buy AD-4691-01	Consult
176622	CW extension leg kit - set of four (up to 40 in)	Consult
186322	Maintenance kit 6 kg	Consult

Assembly is required

AD-4971 Metal Detector		
Part #	Main Systems	Price
186325	AD-4971-3510 Metal Detector – 100 mm aperture	Consult
186326	AD-4971-3517 Metal Detector – 170 mm aperture	Consult
186327	AD-4971-3525 Metal Detector – 250 mm aperture	Consult
186328	AD-4971-4517 Metal Detector – 170 mm aperture	Consult
186329	AD-4971-4525 Metal Detector – 250 mm aperture	Consult
186330	EZiCheck Metal Detector tower light	Consult
176622	CW extension leg kit - set of four (up to 40 in)	Consult
186331	Maintenance kit for AD-4971-3510, AD-4971-3517, AD-4971-3525 metal detectors	Consult
186332	Maintenance kit for AD-4971-4517, AD-4971-4525 metal detectors	Consult



Breeze Break



Metal Detector



Tower Light



Maintenance Kit