

**APPROVED EQUIPMENT LIST
(Inactive)*** 4-16-12**

Automatic Bulk Weighing Systems

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
Brechbuhler	BS-AgSys I	93-073	Inactive			Brechbuhler	Canton
Brechbuhler	BS-LO-I	93-080	Inactive			Brechbuhler	Canton
Cardinal	738CBW	89-005	Inactive			Cardinal	Webb City, MO
Cardinal	CBW-80	FGIS-0101	INACTIVE			Cardinal	Webb City, MO
CompuWeigh	PSC 500 BW	94-020	INACTIVE			CompuWeigh	Cheshire, CT
Compudraft	2000	88-185	INACTIVE			CompuWeigh	Cheshire, CT
Compudraft	CD 3000 w/opto-islator	90-093A1	INACTIVE			CompuWeigh	Cheshire, CT
Compudraft	1000 & 1000 B/R1	FGIS-0107	INACTIVE			CompuWeigh	Cheshire, CT
InterSystems	Masterweigh IV, IVa		Inactive			InterSystems	Omaha, NE
InterSystems	Masterweigh V	92-043	inactive			InterSystems	Omaha, NE
JBC	Bulkweigh I	FGIS-0109	inactive				
Mettler-Toledo	9151	98-064	inactive			Mettler-Toledo	Columbus
Morrison	T-5000 & T-5000M	FGIS-0103	inactive				
Neptune/Hardy	Accu-draft	FGIS-0100	inactive				
One Weigh	Bulk II	90-150A3	inactive			Rolfes & Agris	Earth City
Streeter Amet	2400	FGIS-0106	inactive				
Toledo	8192-1	FGIS-0105	inactive			Metler-Toledo	Columbus, OH
Toledo	9150	89-001	inactive			Metler-Toledo	Columbus, OH

Computer

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
Shore	3806-L	FGIS	inactive				

Dividers

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
Gamet	Precision 106		inactive			Seedburo Eq Co	Chicago

Dockage Machines

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
Carter	XT-1,2,3 &5	FGIS			All	Carter-Day	Minneapolis
Emerson	Kicker				Corn		

Light Meters

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
Weston (Huygen)	614	FGIS					
Weston (Huygen)	703	FGIS					

Lighting

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
Durotest	Color Classer 75 Plus (1315)	FGIS	inactive		All		
Macbeth	Examolite TC-440B	FGIS	inactive		All	GretagMacbeth	New Windsor, NY
Maint. Engineering	Sunlight CR-75	BAR			All	Kay Mar Hi Tech,	Topeka, KS
Superior	Colorizer 75	FGIS			All	Superior Lamp,	Marlton, NJ
Phillips Lighting	Colortone F40C75	BAR			All	Phillips,	Somerset, NJ

Mill

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
UDY	3/4 hp	FGIS			Soybeans		Seedburo

Mixer

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
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Mechanical Samplers **

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
Quality Control	Diverters	FGIS			All	QCEC	Des Moines, IA

Moisture

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
GAC	2100 and 2100a	94-130			Varies	DICKEY-john	Auburn, IL

NMR

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
Oxford	MQA 6005,7005	FGIS			Sunflower	Oxford Inst., Concord, MA	
MARAN	Ultra	00-102			Sunflower	Universal Syst. Solon, OH	

NIR

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
Tecator (Foss)	Infratec 1225				Soybeans, Corn		Eden Prarie, MN
Tecator	Infratec 1226				Soybeans, Corn		
Tecator	Infratec 1227				Soybeans, Corn		
Tecator	Infratec 1229				Soybeans, Corn		

Pearlers

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
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Rice

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
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Samplers

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
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Scale

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
A&D	EK-120G	95-097A1	120 0.01		II	A&D, Milpitas, CA	
A&D	EK-400H	95-097A1	400 0.1		III	A&D, Milpitas, CA	
A&D	EK-600H	95-097A1	600 0.1		II	A&D, Milpitas, CA	
A&D	EK-1200G	95-097A1	1200 0.1		II	A&D, Milpitas, CA	
Ainsworth	A200	cond	180 0.01	P			
Denver	AL-5K/44	92-194	5000 0.1	MG II		Denver Instr	Arvada
Denver	XL-5K/44	92-194	5000 0.1	MG II		Denver Instr	Arvada
Exact Weigh	100	Cond					
Exact Weigh	101	Cond					
Exact Weigh	103	Cond					

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
Exact Weigh	4202	Cond					
Fulcrum (Torsion)	DLM2-1SE	86-015	120 0.01	0.01		I Fulcrum Corp .	Clifton NJ
Fulcrum (Torsion)	DWM2-1SE	86-015	120 0.01	0.01		I Fulcrum Corp .	Clifton NJ
Harvard Bal.	15	none	0.1	MG		Seedburo	
K-Tron	DS-1	Cond	3000 1	G			
Mettler	CM200/49	87- 001	200 0.01	P		Mettler-Toledo	Heightstown
Mettler	P	none	1000 0.01	PM		Mettler-Toledo	Heightstown
Mettler	PE11/49	OWM672	1100 0.1	MG	II v	Mettler-Toledo	Heightstown
Mettler	PE16/49	OWM672	1600 0.1	MG	II v	Mettler-Toledo	Heightstown
Mettler	PE160/49	OWM672	160 0.01	P	II v	Mettler-Toledo	Heightstown
Mettler	PE1600/49	OWM672	1600 0.01	PMG		Mettler-Toledo	Heightstown
Mettler	PE300/49	OWM672	300 0.01	PM	II v	Mettler-Toledo	Heightstown
Mettler	PE3000/49	OWM672	3000 0.1	MG	II v	Mettler-Toledo	Heightstown
Mettler	PE3600/49	OWM672	3100 0.5	.G	II v	Mettler-Toledo	Heightstown
Mettler	PE400/49	OWM672	400 0.01	PM	II v	Mettler-Toledo	Heightstown
Mettler	PE600/49	OWM672	600 0.01	PM	II v	Mettler-Toledo	Heightstown
Mettler	PE6000/49	OWM672	6000 0.1	MG	II v	Mettler-Toledo	Heightstown
Mettler	PJ300/49	87-004A4	310 0.001	P	II	Mettler-Toledo	Heightstown
Mettler	PJ300/49	87-004A4	310 0.1	M	III	Mettler-Toledo	Heightstown
Mettler	PJ300/49	87-004A4	310 0.5	G	III	Mettler-Toledo	Heightstown
Mettler	PJ3000/49	87-004A4	3100 0.1	M	II	Mettler-Toledo	Heightstown
Mettler	PJ3000/49	87-004A4	3100 0.5	G	II	Mettler-Toledo	Heightstown
Mettler	PJ360/49	87-004A4	310 0.001 & 0.01	P	II	Mettler-Toledo	Heightstown
Mettler	PJ360/49	87-004A4	310 0.1	M	III	Mettler-Toledo	Heightstown
Mettler	PJ360/49	87-004A4	310 0.5	G	III	Mettler-Toledo	Heightstown
Mettler	PJ3600DR/49	87-004A4	3100 0.1 & 0.5	MG	II	Mettler-Toledo	Heightstown
Mettler	PJ360DR/49	87-004A4	310 0.001 & 0.01	P	II	Mettler-Toledo	Heightstown
Mettler	PJ400/49	87-004A4	410 0.01	PM	II	Mettler-Toledo	Heightstown
Mettler	PJ400/49	87-004A4	410 0.1	M	II	Mettler-Toledo	Heightstown
Mettler	PJ400/49	87-004A4	410 0.5	G	III	Mettler-Toledo	Heightstown
Mettler	PJ4000/49	87-004A4	4100 0.1	MG	II	Mettler-Toledo	Heightstown
Mettler	PJ4000/49	87-004A4	4100 0.5	G	II	Mettler-Toledo	Heightstown
Mettler	PJ600/49	87-004A4	610 0.1	M	II	Mettler-Toledo	Heightstown
Mettler	PM100/49	87-001	110 0.001	P	II	Mettler-Toledo	Heightstown
Mettler	PM200/49	87-001	210 0.001	P	II	Mettler-Toledo	Heightstown
Mettler	PM2200-1/49	88-202A1	2100 0.01 & 0.1	PMG	II	Mettler-Toledo	Heightstown
Mettler	PM300/49	87-001	310 0.01	PM	II	Mettler-Toledo	Heightstown
Mettler	PM3000/49	87-001	3100 0.1	MG	II	Mettler-Toledo	Heightstown
Mettler	PM3500-1/49	88-202A1	3500 0.1	MG	II	Mettler-Toledo	Heightstown

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
Mettler	PM400/49	87-001	410 0.001	PM	II	Mettler-Toledo	Heightstown
Mettler	PM460/49	87-001	410 0.01	PM	II	Mettler-Toledo	Heightstown
Mettler	PM4600/49	87-001	4100 0.1	MG	II	Mettler-Toledo	Heightstown
Mettler	PM460DR/49	87-001	410 0.001 & 0.01	PM	II	Mettler-Toledo	Heightstown
Micrometer	49	none		G			
NCI	G200	Cond					
NCI	G2000	Cond					
Ohaus	1000	none		MG		Ohaus Corp.	Pine Brook, NJ
Ohaus	1201	Cond					
Ohaus	14	Cond					
Ohaus	1620	none		MG		Ohaus Corp.	Pine Brook, NJ
Ohaus	1900	none		G			
Ohaus	310 Dial O Gram	none	310 0.01	PMG		Ohaus Corp.	Pine Brook, NJ
Ohaus	63-M	none		MG		Ohaus Corp.	Pine Brook, NJ
Ohaus	710	Cond					
Ohaus	710	Cond					
Ohaus	CT-600L	89-084	600 0.1	0.1		III Ohaus Corp.	Pine Brook, NJ
Ohaus	CT600L	89-084A1	602 0.1	0.1		III Ohaus Corp.	Pine Brook, NJ
Ohaus	GT4100G	95-090	4100 0.1	0.1		II Ohaus Corp.	Pine Brook, NJ
Ohaus	GT4100DG	95-090	4100	0.01&0.1		II Ohaus Corp.	Pine Brook, NJ
Ohaus	G4000-L	85-063	4000 0.1	MG	IIv	Ohaus Corp.	Pine Brook, NJ
Ohaus	GT210E	94-079	210 0.001	PM	II	Ohaus Corp.	Pine Brook, NJ
Ohaus	GT310E	94-079	310 0.001	PM	II	Ohaus Corp.	Pine Brook, NJ
Ohaus	GT4000E	94-079	4100 0.1	MG	II	Ohaus Corp.	Pine Brook, NJ
Ohaus	GT400E	94-079	410 0.01	PM	II	Ohaus Corp.	Pine Brook, NJ
Ohaus	GT410DE	94-079	410 0.001 & 0.01	PM	II	Ohaus Corp.	Pine Brook, NJ
Ohaus	GT410E	94-079	410 0.001	PM	II	Ohaus Corp.	Pine Brook, NJ
Ohaus	GT4400-G	91-103	4000 0.01 & 0.1	PMG	II	Ohaus Corp.	Pine Brook, NJ
Ohaus	TBB 2610	none	2610	MG		Ohaus Corp.	Pine Brook, NJ
Ohaus	TBB 750-S	none	2610 0.1	MG		Seedburo Eq Co	Chicago
Ohaus	TBB 99	none	2610 0.1	MG		Seedburo Eq Co	Chicago
Pennsylvania	10/10	none	4500 1	G			
Pennsylvania	501-4	none	500 0.1	M			
Pennsylvania	DC-8	none	0.1	M			
Pennsylvania	I-10-L	none		G			
Pennsylvania	SI-100-H	none		G			
Sartorius	E4800S-*U2	88-121	4840 0.1	MG	II	Sartorius Corp.	Edgewood
Sartorius	H120-*U	88-123	121 0.01	P	II	Sartorius Corp.	Edgewood
Sartorius	I1000S-*U2	88-121	1100 0.1	MG	II	Sartorius Corp.	Edgewood

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
Sartorius	I4800S-*U2	88-121	4840 0.1	MG	II	Sartorius Corp.	Edgewood
Sartorius	L220S-*U	88-119	222 0.01	P	II	Sartorius Corp.	Edgewood
Sartorius	L220S-XU2	88-119	222 0.01	P	II	Sartorius Corp.	Edgewood
Sartorius	L420S-*U	88-119	424 0.01	PM	II	Sartorius Corp.	Edgewood
Sartorius	BP***-0U2	98-061	8100 to 310			II Sartorius Corp.	Edgewood NY
Sartorius	GP***-GU2	98-061	6100 to 1200			II Sartorius Corp.	Edgewood NY
Sauter	RL4	Cond					
Seedburo	8800A	91-153A	2000 0.2 & 0.5			III Seedburo Eq Co	Chicago
Seedburo	4409	Cond					
Seedburo	700	Cond					
Seedburo	8840		2000 0.5	G		Seedburo Eq Co	Chicago
Seedburo	8850	OWM647	2000 0.1 & 0.5	MG		Seedburo Eq Co	Chicago
Seedburo	8860	OWM	5000 0.5	G		Seedburo Eq Co	Chicago
Shadograph	4202	Cond					
Shadograph	4203	Cond	0.1	M			
Shadograph	4236	none	0.1	M			
Shadograph	4238	none	0.1	M			
Shadograph	4305	none	0.1	M			
Silverline	3250	Cond	1200 1	G			
Toledo	1-10	none	1	G		Mettler-Toledo	Columbus
Toledo	3700	none	15000 1	G		Mettler-Toledo	Columbus
Toledo	3710	none	15000 1	G		Mettler-Toledo	Columbus
Toledo	3780	none	1	G		Mettler-Toledo	Columbus
Toledo	4020	Cond					
Toledo	4030	none	1	G		Mettler-Toledo	Columbus
Toledo	4031	none	1	G		Mettler-Toledo	Columbus
Toledo	4032	none	1	G		Mettler-Toledo	Columbus
Toledo	4040	Cond					
Toledo	666AG	Cond					
Torbal	OCR-1	Cond	0.1	MG			
Torsion	4000	Cond					
Torsion	5055	none	0.01	P			
Torsion	5072	Cond					
Torsion	6200	Cond					
Torsion	DH-2	Cond					
Torsion	DLM 2-1	none	120 0.01	P			
Torsion	DLM-5	none	0.1	MG			
Torsion	DLT2-1	none	120 0.01	P			
Torsion	DRx2	none	120 0.01	P			

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
Torsion	DWL 2-1	none	120 0.01	P			
Torsion	DWM 2-1	none	120 0.01	P			
Torsion	DWM-5	none	0.1	MG			
Torsion	IL-2	Cond					
Torsion	Rx-1	none	120 0.01	P			
Torsion	SE-1	none	0.01	P			
Torsion Opt	DH-2a	none		MG			
Torsion Opt	DH-4a	none		G			
Torsion Opt	IL-11	none		MG			
Torsion Opt	IL-8	none		G			
Torsion Opt	OCR-1-A	none	454 0.1	M			
Torsion Opt	OCR-1-C	none	454 0.1	M			
Torsion Opt	PL-12	none		MG			
Torsion Opt	PL-2	none		MG			
Torsion Opt	PL-3	none		MG			
Torsion Opt	PL-400D	none		PMG			
Torsion Opt	PL-800D	none		PMG			
Torsion Vertex	DWM2-1SE	86-015	120 0.01	P		Vertex Indust.	Clifton
Troemner	400S			P		Troemner, Inc.	Philadelphia
Troemner	410S			P		Troemner, Inc.	Philadelphia
Troemner	540						
Troemner	800						

Sieves

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
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Sizers

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
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Gamet					All		
Swenko					All		

Test Weight

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
Fairbanks/Morse	11192 (black)				All		
Fairbanks/Morse	41-5791 (gray)				All		
Ohaus	Kettle 4157-04 (no handle)				All	Ohaus Corp.	Pine Brook, NJ
Ohaus	Kettle 4438-00 (w/handle)				All		
Ohaus	Model 51 (4451)				All	Ohaus Corp.	Pine Brook, NJ
Seedburo	Cup (4157-04)				All	Seedburo Eq Co	Chicago

Thermometer

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
Seedburo	Electro-Therm TM-820	FGIS					

Work Surface

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
Formica	Cream of Wheat 864 (matte)	BAR			All		
Formica	Wheat 891 (64, 65, suede)	FGIS			All		
Formica	Wheat 789-1-58 (matte)	BAR			All Grain	Plastic D & Fab	Kansas City
Wilsonart	Bisque D329-60 (matte)	BAR			All Grain		

Definitions

CERTIF= Certificate of Conformance

CAP = Capacity

e = Verification division size

d = Division size

CLASS = Scale Class for a marked scale

GRAIN = Type of grain approved for, if appropriate

ABWS = Automatic Bulk Weighing Systems (Hoppers)

NMR = Nuclear Magnetic Resonance

v = Varies. Scale may be marked or unmarked depending on date of manufacture.

- = For Ohaus scales, the * = 1 or 0 depending on optional features.

** = For Mechanical Sampler manufacturers, some (but not all) models offered will meet GIPSA requirements. Final approvals are obtained after installation and testing. Some older manufacturers are not listed, but remain approved.

*** = The "Inactive" list contains items that are no longer manufactured or widely marketed, but remain approved for use. The "Active" Approved Equipment List contains items that are commercially available for purchase.

For additional information, contact:

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