

**APPROVED EQUIPMENT LIST  
(Inactive)\*\*\* 4-21-04**

**Automatic Bulk Weighing Systems**

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
Brechtbuhler	BS-AgSys I	93-073	Inactive			Brechtbuhler	Canton
Brechtbuhler	BS-LO-I	93-080	Inactive			Brechtbuhler	Canton
Cardinal	738CBW	89-005	Inactive			Cardinal	Webb City, MO
Cardinal	CBW-80	FGIS-0101	INACTIVE			Cardinal	Webb City, MO
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	FGIS			All	Carter-Day	Minneapolis
Carter	XT-2	FGIS			All	Carter-Day	Minneapolis
Carter	XT-3	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

**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
Motomco	919	FGIS			rice/ beans	Motomco, Inc.	Paterson, NJ
GAC	2100 and 2100a	94-130			Varies	DICKEY-john	Auburn, IL

**NMR**

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
Newport	4000	FGIS			Sunflower		
Newport	IIIa	FGIS			Sunflower		
Oxford	MQA 6005	FGIS			Sunflower	Oxford Inst.,	Concord, MA

**NIR**

BRAND	MODEL	CERT	CAP	CLASS	GRAIN	COMPANY	CITY
Tecator	Infratec 1225				Soybeans, Wheat, Corn		
Tecator	Infratec 1226				Soybeans, Wheat, Corn		
Tecator	Infratec 1227				Soybeans, Wheat, Corn		
Tecator	Infratec 1229				Soybeans, Wheat, 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
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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					
Exact Weigh	4202	Cond					
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
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	
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							

Torbald	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		
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		

**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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