DIE CAST MACHINERY LLC

3246 West Monroe Street
Waukegan, IL 60085-3029 USA
1-847-360-9170 Phone
www.diecastmachinery.com

Die Cast Machinery, LLC Inventory number: DCM-5434

Used Bruker Model: Q4 TASMAN 20 Channel Arc/Spark Optical Emission Spectrometry (OES) analyzer Metal Analytic Spectrometer

Status:	**Sold**
Manufacturer:	Bruker
Model:	Q4 TASMAN
Size:	20 Channel
ID Number:	DCM-5434

Bruker - Q4 TASMAN 20 Channel Arc/Spark Optical Emission Spectrometry (OES) analyzer Metal Analytic Spectrometer, Controls

View this machine online: DCM-5434



Specifications

	U.S. Standard	Metric
Model:	Q4 TASMAN	Q4 TASMAN
Current Baseline Element:	Lead and Tin	Lead and Tin
Number of Channels:	20	20
Elements Inspected:	Sn, Sb, Bi, Cu, As, Ag, Ni, Cd, Zn, Te, Se, Fe, Al, Au, In, Na, Hg, Ca, Pd, Pb	Sn, Sb, Bi, Cu, As, Ag, Ni, Cd, Zn, Te, Se, Fe, Al, Au, In, Na, Hg, Ca, Pd, Pb

Features & Accessories:

- Materials tested: Lead and Tin methods. All samples were rounded slabs made from material to be tested. Pure Lead and Lead base materials (PbSn Solders, Bearing metals, Sundry alloys).
- Pure Tin and Tin base materials (PbSn Solders, Lead free solders, Bearing metals, Sundry alloys)
- Equipment operates with High Purity Argon gas (Average Consumption 1 bottle 10.2 sqm / month, operating 8 h / 20 days)
- Come with some spare parts: o-rings different sizes, window air optic, brushes, filter pads.
- Service Manual – Bruker elemental Q4 Tasman Documentation and software backup CD - Log book (Calibrations).

Terms of Sale:

Price: sold
Shipping Terms: Ex-works
Questions? Call (847) 360-9170 and mention DCM-5434.

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Photos - DCM-5434

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Photo 1 of DCM-5434 - view online



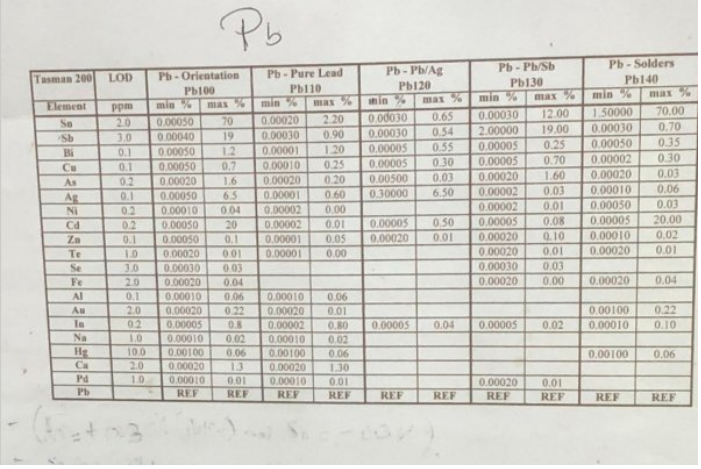
Photo 2 of DCM-5434 - view online



Photo 3 of DCM-5434 - view online



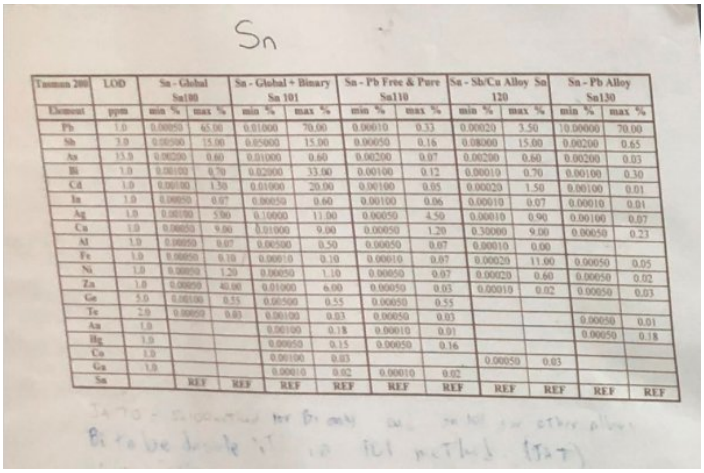
Photo 4 of DCM-5434 - view online



Pb

Tasman 200	LOD	Pb - Orientation Pb100		Pb - Pure Lead Pb110		Pb - Pb/Ag Pb120		Pb - Pb/Sb Pb130		Pb - Solders Pb140	
Element	ppm	min %	max %	min %	max %	min %	max %	min %	max %	min %	max %
Sn	2.0	0.00050	70	0.00020	2.20	0.00030	0.65	0.00030	12.00	1.50000	70.00
Sb	3.0	0.00040	19	0.00030	0.90	0.00030	0.54	2.00000	19.00	0.00030	0.70
Bi	0.1	0.00050	1.2	0.00001	1.20	0.00005	0.55	0.00005	0.25	0.00050	0.35
Cu	0.1	0.00050	0.7	0.00010	0.25	0.00005	0.30	0.00005	0.70	0.00002	0.30
As	0.2	0.00020	1.6	0.00020	0.20	0.00500	0.03	0.00020	1.60	0.00020	0.03
Ag	0.1	0.00050	6.5	0.00001	0.60	0.30000	6.50	0.00002	0.03	0.00010	0.06
Ni	0.2	0.00010	0.04	0.00002	0.00			0.00002	0.01	0.00050	0.03
Cd	0.2	0.00050	20	0.00002	0.01	0.00005	0.50	0.00005	0.08	0.00005	20.00
Zn	0.1	0.00050	0.1	0.00001	0.05	0.00020	0.01	0.00020	0.10	0.00010	0.02
Te	1.0	0.00020	0.01	0.00001	0.00			0.00020	0.01	0.00020	0.01
Se	3.0	0.00030	0.03					0.00030	0.03		
Fe	2.0	0.00020	0.04					0.00020	0.00	0.00020	0.04
Al	0.1	0.00010	0.06	0.00010	0.06						
Au	2.0	0.00020	0.22	0.00020	0.01					0.00100	0.22
In	0.2	0.00005	0.8	0.00002	0.80	0.00005	0.04	0.00005	0.02	0.00010	0.10
Na	1.0	0.00010	0.02	0.00010	0.02						
Hg	10.0	0.00100	0.06	0.00100	0.06					0.00100	0.06
Cu	2.0	0.00020	1.3	0.00020	1.30						
Pd	1.0	0.00010	0.01	0.00010	0.01			0.00020	0.01		
Pb		REF	REF	REF	REF	REF	REF	REF	REF	REF	REF

Photo 5 of DCM-5434 - view online



Sn

Tasman 200	LOD	Sn - Global Sn100		Sn - Global + Binary Sn 101		Sn - Pb Free & Pure Sn110		Sn - Sb/Cu Alloy Sn 120		Sn - Pb Alloy Sn130	
Element	ppm	min %	max %	min %	max %	min %	max %	min %	max %	min %	max %
Pb	1.0	0.00050	65.00	0.01000	70.00	0.00010	0.33	0.00020	3.50	10.00000	70.00
Sb	3.0	0.00500	15.00	0.05000	15.00	0.00050	0.16	0.08000	15.00	0.00200	0.65
As	15.0	0.00200	0.60	0.01000	0.60	0.00200	0.07	0.00200	0.80	0.00200	0.03
Bi	1.0	0.00100	0.70	0.02000	33.00	0.00100	0.12	0.00010	0.70	0.00100	0.30
Cd	1.0	0.00100	1.50	0.01000	20.00	0.00100	0.05	0.00020	1.50	0.00100	0.01
In	1.0	0.00050	0.07	0.00050	0.60	0.00100	0.06	0.00010	0.07	0.00010	0.01
Ag	1.0	0.00100	5.00	0.10000	11.00	0.00050	4.50	0.00010	0.90	0.00100	0.07
Cu	1.0	0.00050	9.00	0.01000	9.00	0.00050	1.20	0.30000	9.00	0.00050	0.23
Al	1.0	0.00050	0.07	0.00500	0.50	0.00050	0.07	0.00010	0.00		
Fe	1.0	0.00050	0.10	0.00010	0.10	0.00010	0.07	0.00020	11.00	0.00050	0.05
Ni	1.0	0.00050	1.20	0.00050	1.10	0.00050	0.07	0.00020	0.60	0.00050	0.02
Zn	1.0	0.00050	40.00	0.01000	6.00	0.00050	0.05	0.00010	0.02	0.00050	0.03
Ge	5.0	0.00100	0.55	0.00500	0.55	0.00050	0.55				
Te	2.0	0.00050	0.03	0.00100	0.03	0.00050	0.03			0.00050	0.01
Au	1.0			0.00100	0.18	0.00010	0.01			0.00050	0.18
Hg	1.0			0.00050	0.15	0.00050	0.16				
Cu	1.0			0.00100	0.03			0.00050	0.03		
Ga	1.0			0.00010	0.02	0.00010	0.02				
Sn		REF	REF	REF	REF	REF	REF	REF	REF	REF	REF

Photo 6 of DCM-5434 - view online

Photos - DCM-5434 (continued)

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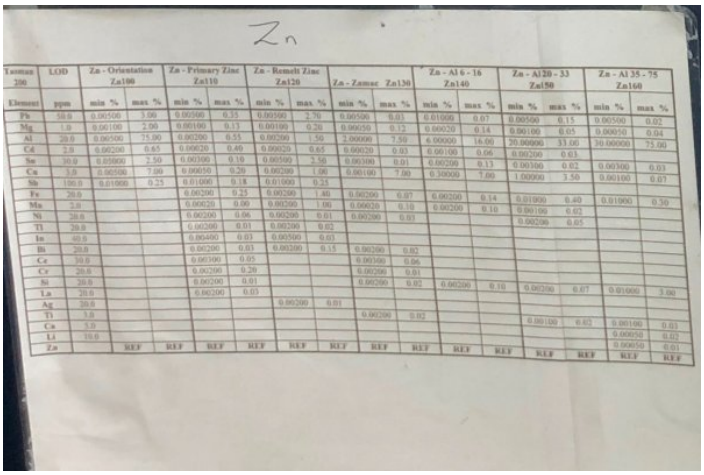


Photo 7 of DCM-5434 - view online



Photo 8 of DCM-5434 - view online



Photo 9 of DCM-5434 - view online

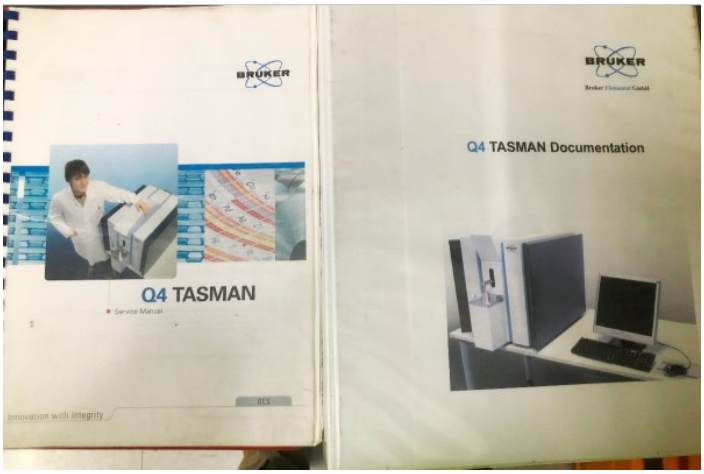


Photo 10 of DCM-5434 - view online



Photo 11 of DCM-5434 - view online



Photo 12 of DCM-5434 - view online

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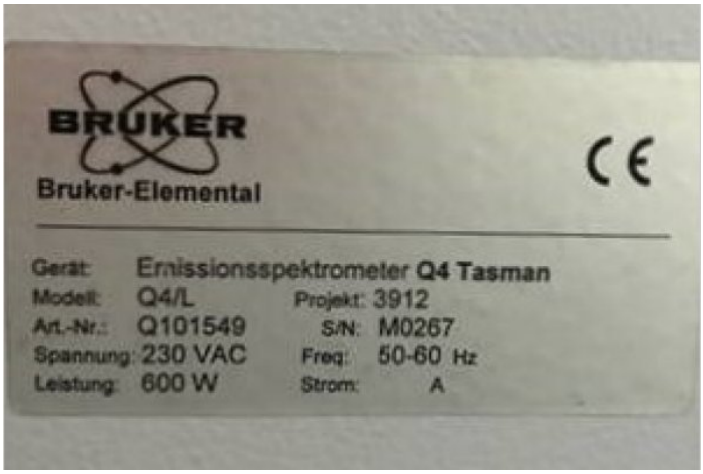


Photo 13 of DCM-5434 - view online

Description:

Used, Bruker Model Q4 TASMAN 20 Channel Arc/Spark Optical Emission Spectrometry (OES) analyzer Metal Analytic Spectrometer For_Sale, Features Include: Materials tested: Lead and Tin methods. All samples were rounded slabs made from material to be tested. Pure Lead and Lead base materials (PbSn Solders, Bearing metals, Sundry alloys)., Pure Tin and Tin base materials (PbSn Solders, Lead free solders, Bearing metals, Sundry alloys), Equipment operates with High Purity Argon gas (Average Consumption 1 bottle 10.2 sqm / month, operating 8 h / 20 days), Come with some spare parts: o-rings different sizes, window air optic, brushes, filter pads., Service Manual – Bruker elemental Q4 Tasman Documentation and software backup CD - Log book (Calibrations)., controls, second Hand, DCM-5434

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