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

Die Cast Machinery, LLC Inventory number ??: 5434

We offer for sale, subject to availability, prior sale and the terms listed below:

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

Model: Q4 TASMAN

Status: **Sold**

Specifications:	***Metric / U.S. Standard***
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).

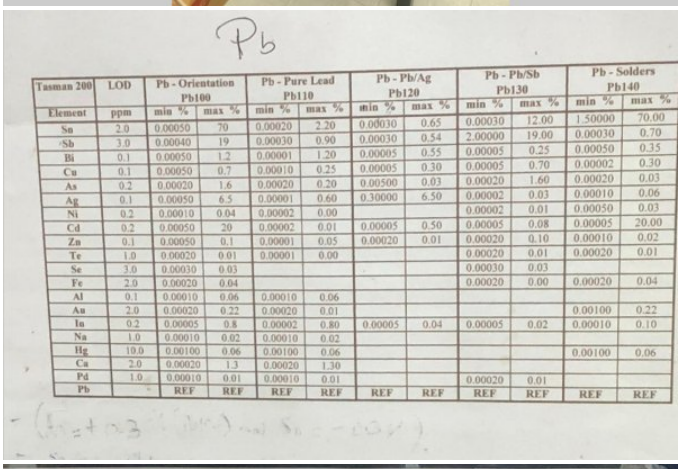
Terms of Sale:

Price: **request quotation**

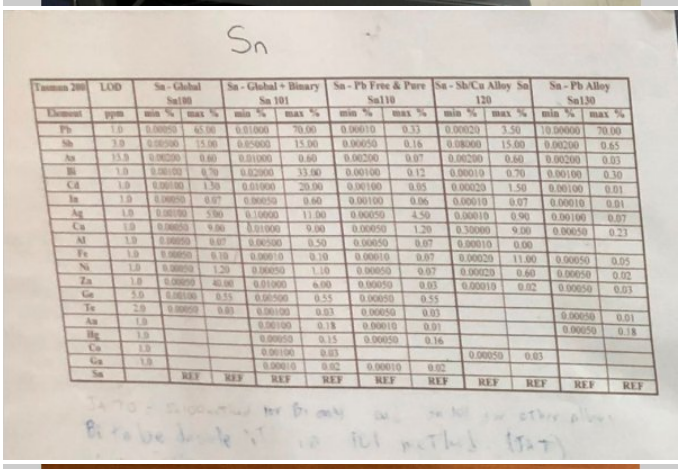
Shipping Terms: Ex-works

Product Photos:

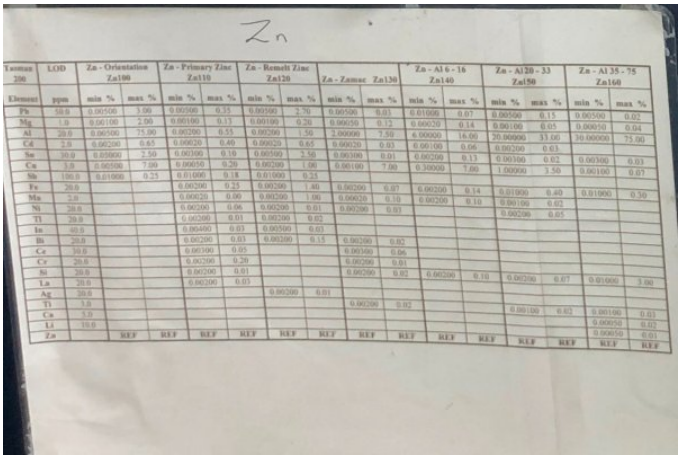
Click on any image for a larger view



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
Ca	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



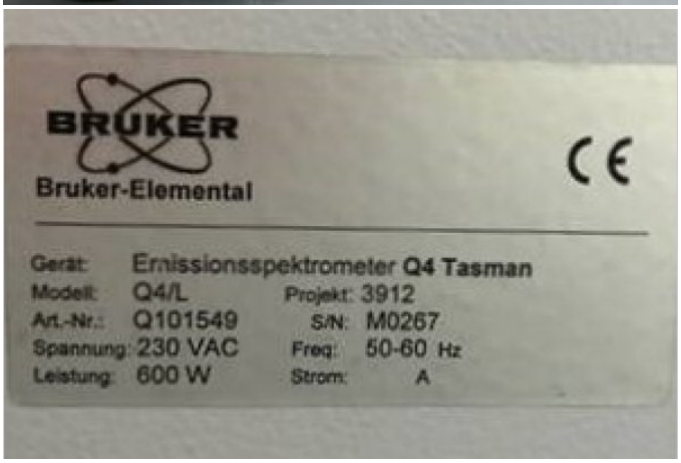
Tasman 200	LOD	Sn - Global Sn100		Sn - Global + Binary Sn 101		Sn - Pb Free & Pure Sn110		Sn - Sb/Cu Alloy Sn 120		Sn - Pb Alloy Sn130	
Element	ppm	min %	max %	min %	max %	min %	max %	min %	max %	min %	max %
Pb	1.0	0.00050	65.00	0.01000	70.00	0.00010	0.33	0.00020	3.50	10.00000	70.00
Sb	3.0	0.00500	15.00	0.05000	15.00	0.00050	0.16	0.08000	15.00	0.00200	0.65
As	13.9	0.00200	0.60	0.01000	0.60	0.00200	0.07	0.00200	0.60	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	5.90	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	0.03	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				
Co	1.0			0.00100	0.03						
Ga	1.0			0.00010	0.02	0.00010	0.02	0.00050	0.03		
Sn		REF	REF	REF	REF	REF	REF	REF	REF	REF	REF




BRUKER
Q4 TASMAN
Service Manual
innovation with integrity
BRUKER
Q4 TASMAN Documentation


Lead
(Pb) Stds.


Tin
(Sn) Stds.


BRUKER
Bruker-Elemental
CE
Gerät: Emissionsspektrometer Q4 Tasman
Modell: Q4/L
Projekt: 3912
Art.-Nr.: Q101549
S/N: M0267
Spannung: 230 VAC
Freq: 50-60 Hz
Leistung: 600 W
Strom: A

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