

The PinAAcle™ 900 and 500 Series of AA Spectrometers



1 1.00797 H																	2 4.0026 He	
3 6.939 0.7 Li	4 9.0122 234.9 0.7 Be																	10 20.183 Ne
11 22.9898 0.2 Na	12 24.312 285.2 0.7 Mg																	18 39.948 Ar
19 39.102 0.7 K	20 40.08 422.7 0.7 Ca	21 44.956 391.2 0.2 Sc	22 47.90 364.3 0.2 Ti	23 50.942 318.4 0.7 V	24 51.996 357.9 0.7 Cr	25 54.9380 279.5 0.2 Mn	26 55.847 248.3 0.2 Fe	27 58.9332 240.7 0.2 Co	28 58.71 232.0 0.2 Ni	29 63.54 324.8 0.7 Cu	30 65.37 213.9 0.7 Zn	31 69.72 287.4 0.7 Ga	32 72.59 265.1 0.2 Ge	33 74.9216 193.7 0.7 As	34 78.96 196.0 2.0 Se	35 79.909 197.0 0.2 Br	36 83.80 197.0 0.2 Kr	
37 85.47 0.7 Rb	38 87.62 460.7 0.2 Sr	39 88.905 410.2 0.2 Y	40 91.22 360.1 0.2 Zr	41 92.906 334.4 0.2 Nb	42 95.94 313.3 0.7 Mo	43 99 261.4 0.2 Tc	44 101.07 349.9 0.2 Ru	45 102.905 343.5 0.2 Rh	46 160.4 244.8 0.2 Pd	47 107.870 328.1 0.7 Ag	48 112.40 228.8 0.7 Cd	49 114.82 303.9 0.7 In	50 118.69 286.3 0.7 Sn	51 121.75 217.6 0.2 Sb	52 127.60 214.3 0.2 Te	53 126.9044 217.6 0.2 I	54 131.30 217.6 0.2 Xe	
55 132.905 0.7 Cs	56 137.34 553.6 0.2 Ba	57 138.91 550.0 0.2 La	72 178.49 286.6 0.2 Hf	73 180.948 271.5 0.2 Ta	74 183.85 255.1 0.2 W	75 186.2 346.0 0.2 Re	76 190.2 290.9 0.2 Os	77 192.2 264.0 0.2 Ir	78 195.09 265.9 0.7 Pt	79 196.967 242.8 0.7 Au	80 200.59 253.7 0.7 Hg	81 204.37 276.8 0.7 Tl	82 207.19 283.3 0.7 Pb	83 208.980 223.1 0.2 Bi	84 210 223.1 0.2 Po	85 210 223.1 0.2 At	86 222 223.1 0.2 Rn	
87 223 Fr	88 226 Ra	89 227 Ac																

51
121.75
Sb
217.6
0.2

Atomic Number
Atomic Mass
Element
Wavelength (nm)
Spectral Bandwidth (nm)

Air/Acetylene

Nitrous Oxide/Acetylene

58 140.12 Ce	59 140.907 495.1 0.2 Pr	60 144.24 492.4 0.2 Nd	61 147 Pm	62 150.35 429.7 0.2 Sm	63 151.96 459.4 0.2 Eu	64 157.25 368.4 0.2 Gd	65 158.924 432.6 0.2 Tb	66 162.50 404.6 0.2 Dy	67 164.930 410.4 0.2 Ho	68 167.26 400.8 0.2 Er	69 168.934 371.8 0.2 Tm	70 173.04 398.8 0.2 Yb	71 174.97 336.0 0.7 Lu
90 232.038 Th	91 231 231 Pa	92 238.03 351.5 0.2 U	93 237 Np	94 242 242 Pu	95 243 243 Am	96 247 247 Cm	97 249 249 Bk	98 251 251 Cf	99 254 254 Es	100 253 253 Fm	101 256 256 Md	102 254 254 No	103 257 257 Lr

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