

RA-915Lab Operation Modes

	Operation mode					
	1	2	3	4	5	6
Air flow rate, L/min ($\pm 20\%$)	1.0	1.0	1.0	1.0	1.0	1.0
Initial temperature inside the atomizer, °C (± 30 °C)	750	550	200	750	300	850
Final temperature inside the atomizer in the end of scenario, °C (± 30 °C)	850	750	600	750	850	850
Mode duration, s	200	200	200	100	≥ 320	60

Sample	Recommended mode
Soils, sediments	Mode 1, 4
Ores, minerals	High mercury content (5 – 2000 ppm) Mode 5
Mercury containing wastes	Mode 5
Coal	Peat, lignite and subbituminous coals Mode 2 Bituminous and antracite coals Mode 1, 4
Foodstuff	Mode 2
Grain, feed, fodder and other agricultural products	Mode 2
Water and water solutions	Mode 2
Cosmetics	Non-greasy products, shampoo, gels, tonics Mode 2 Greasy products, or products with high content of the organic solvents or dyes (hair dyes) Mode 3
Pharmaceutical products and substances	Mode 2
Biological samples (blood, tissues, hair, nails, etc.)	Mode 2
Crude oil and oil products (naphtha, gasoline, etc.)	Mode 3
Boats annealing	Mode 6

