



## FOMECO - INSPECTION MACHINE

No.	Machine name	Feature, function	Quantity
1	Universal length measuring machine	Measuring length < 300mm: precise grade 0.001	1
2	Coating thickness Tester machine	Measurement thickness of coating (plating layer, painting layer), precise grade 0.001	2
3	Profile Projector machine	Inspecting high accuracy evaluation of counter profiling, precise grade 0.001 (applying for components are processed by cutting machine, lathe, miller, CNC, ...)	2
4	Profilometer machine	Inspecting high accuracy evaluation of counter profiling, precise grade 0.001 (applying for components are processed by cutting machine, lathe, miller, CNC, ...) Inspecting surface roughness: Ra, Ry, Rz.	2
5	Surface roughness meter machine	Inspecting roughness of steel surface: Ra, Ry, Rz...	1
6	Tensile & pressure measuring machine	Inspecting tensile & pressure limit of products (KN). Inspection area: Max 12kN	2
7	Microscopic Hardness Testing machine	Testing structure of crystal lattice of steel.	1
8	Vicker Hardness Testing (HV) machine	Vickers hardness measuring, level of durometer: 0.2, 0.3, 0.5, 1, 2, 2.5, 3, 5.	2
9	Rockwell Hardness Testing machine	Level of durometer: HRA, HRC, HRB, HR15N, HR30N, HR45N, HR15T, HR30T.	4
10	Life-time measuring instrument machine	Measuring life-time of bearings.	1
11	Radial clearance meter machine	Measuring radial clearance of bearings.	2
12	Measuring noisy of bearings machine	Checking noisy of bearings.	2
13	Sensitometer machine	Checking sensitivity of bearings.	1
14	3D measuring equipment	Scanning measuring rate up to 200 points/s. Variable measuring force (50-1000 mN) for data acquisition. Maximum stylus length = 500 mm	2
15	Roundness measuring machine	Highest accuracy at (0.04+6HT0000)pm	1
16	Flaw detector machine	Identifying and sizing sub-surface defects in materials (cracks, dents...)	2
17	Material composition analysis machine	Analysis material's composition	1
18	Optical Sorting Machine	Automatic classification of faulty products	1
19	Salt Spray test chamber	Testing the corrosive resistance	1
20	Microscopic Scanner for materials	Magnify images up to 500-1000 times	1
21	PH meter equipment	Check and measure the PH concentration in water	1