



Light Inspection Machine for Vials for Pharmaceutical SED-90YDJ



The full automatic ampoule injection impurity detecting machine is mainly used for automatic detection of visible impurities and seal faults of small volume injections, oral liquid bottles in pharmaceutical enterprises.

With advanced and compact design, the machine adopts high resolution industrial cameras for multiple camera shooting detection of the liquids, so that the visible impurities that may exist in transparent or semi-transparent liquids can be recognized and detected fast and accurately (such as glass shards, scrap metal, fiber, white spots, white blocks, and etc.). The machine can also accurately judge if the filling volume is within the permissible range. In addition, the ampoule injection lamp inspection machine can carry out inspection of oral liquid bottle caps. The nonconforming products can be directly separated from the dialing wheel without entering the detection wheel disc, so that the inspection speed and precision can be greatly enhanced to meet the stipulations in the Chinese Pharmacopoeia.

Model	SED-90YDJ
Applicable specifications for detecting	Ampoule
Number of bottles holders	90
Number of cameras	11
Applicable specifications (ml)	1-20
Detection speed(pcs/min)	600
Rotation speed(r/min)	500-4,000
Time duration to detect a single bottle	< 0.2
Test items	Glass fragments, fibres, white particles, hairs, metal particles, liquid fill level, particles on cake bottom,
	cracks on neck, body cracks and etc.
Detecting precision(μ)	≥ 40
Power(kw)	11
Power Supply	380V/50Hz
Noise(DB)	< 75
Air pressure supply(mpa)	0.5-0.7
Overall dimensions(LxWxH) (mm)	3400x2540x2730
Weight(kg)	2800