

## Oral Liquid Filling Machine SED-4/1GX



SED-4/1GX Automatic Filling and Capping machine for the application of light liquid filling and capping for plastic or glass bottles. The machine is composed by a conveyor, SS316L volumetric piston pump, top-bottom filling nozzles, liquid buffer tank, bottle index wheel, capping system. The bottle loading/unloading through loading/unloading turntable (alternative Ø620mm or Ø900mm), or directly from an production line.

### Characteristics:

- Adopt volumetric injection pump to fill high precision, also fill various viscosity liquid. Easy knock-down pump structure, convenient to clean and sterilize.
- The piston ring of volumetric injection pump use different material of silicone, viton or other kinds according to liquid characteristic, use ceramic pump in special industry.
- PLC control system, frequency conversion adjusting speed, high degree automatization.
- Filling quantity of all pumps is adjusted in a lump, minim adjustable for each pump. Easy and quick operate.
- Filling system has the function of shrinking, no drop leak. Bottom diving fill, no foam.
- Suitable to various sizes of container, easy adjusting, and short time cost.
- The whole machine is designed according to requirements of GMP.

**Technical Features:**

Kind of bottle	Various kinds of plastic/glass bottle
Bottle size*	Min. Ø 20mm Max. Ø80mm
Kind of cap	Alternative Screw on cap, alum. ROPP cap
Cap size*	Ø 20~ Ø45mm
Filing nozzles	4heads
Speed	30~50bpm
Alternative Filling volume*	15~60ml, 30~125ml, 50~250ml, 200~500ml
Filling accuracy	±1%
Power*	220V 50/60Hz 1.2kw
Compress air require	10L/min, 4~6bar
Machine size mm	Length 2500, width 1000, height 1600
Machine weight:	800kgs