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(57) Abstract :

A gasket fixation device, comprises of a cylindrical body 1 positioned with one or more object(s) 10 whose mating surfaces are to be sealed properly, a rod 2 layered with a motorized rack 3 for translating multiple arms 4 like arrangement on rack 3, an artificial intelligence enabled image capturing module 5 for capturing multiple images of object(s) 10 in order to determine exact dimension of a mating portion of objects(s) 10, a chamber 6 dedicated towards storage of multiple gaskets of different shape and size, a pneumatically gripper 7 upon receiving command extends towards chamber 6 for gripping a desired gasket and place gripped gasket on a retractable plate 8 that is capable of moving/switching in between body 1 and chamber 6, and plurality of suction cups 9 that is utilized for placement of object 10 to keep object 10 intact with platform while operation of gasket fixation.

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