

Taking measuring to the next level, **LUBEN GLASS** does it again

CONTROL OF THE FUTURE

Today ever-increasing demands upon the quality of glass containers demanded by the market force Luben Glass' customers to continuously improve their production quality. As is well-known, this can hardly be achieved without high quality moulding - constantly monitored to ensure it maintains the requisite production standard characteristics.

GALAXY LINE

Thanks to its partnership with engineering company Bi.Lab, Luben Glass shows itself at the forefront once again with both the design and implementation of control and measurement systems. With its new Galaxy line, the company ushers in a new era of controls for variable and mould equipment - providing customers with an unequivocal support for quality control of parts and thereby contributing to the constant improvement of production performance.

NRP AND AWI MODULE

Equipped with the AW1 automatic warehouse module, the flagship of the GALAXY line is the NRP machine for measuring neck rings and plungers. NRP



Having jointly launched the Galaxy line just recently, LUBEN GLASS is proud to announce its addition of the NRP machine with its AW1 module for precise glass container part measurement, which uses both laser tech and probes while reducing operator workload. Not only. Enhancing quality control efficiency, a QRR module will now automate part recognition via pre-printed codes.

was developed for the dimensional control of plungers and neck rings in order to provide customers with an accurate picture of the wear and conformity status of their parts. The machine itself is equipped with two control stations, i.e. one for the plunger and the other for neck rings, which is equipped with specially-designed measuring systems based upon both laser technology and precision probes. Thanks to these systems, parts are checked with centesimal precision following which, using special software, a report is then returned indicating the measurements taken and certifying conformity of the part. The AW1 module also allows the NRP machine to perform checks on a pre-set number (depending upon the equipment supplied with the AW1 module) of parts - thus limiting to a minimum the operator time spent on the machine. The AW1 automatic storage system is equipped with trays with predefined workpiece positioning stations, which are designed to make it easier for the operator to position the workpieces. Once loaded, the handling system picks up the articles and then positions them in a double-row parking station to allow faster positioning in the measuring station while reducing cycle times.

QR CODE READER

Machines of the Galaxy line can be equipped with the QRR module - an infrared reader that's specially-designed to read the pre-printed codes on parts by means of laser marking or mechanical engraving systems. Once the part is coded, the system can recognise the piece, thereupon performing the required checks completely independently - without the operator having to pre-set some item recognition programme.



**LUBEN
GLASS**

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