

KOMMA



LEADER plus

LEADER plus CONSTRUCTION

Thermally stabilized steel structure

Tempered steel, high precision sleeve with calibration spheres

Dimensions= 44: 1,080mm L x 626mm D x 950mm H

45: 1,080mm L x 626mm D x 1,050mm H

46: 1,080mm L x 626mm D x 1,150mm H

Weight= 44: 136Kg (299 lbs.) / 45: 142Kg (313 lbs.) / 46: 148Kg (326 lbs.)

AXIS MOVEMENT

X Axis (Diameter) = 400mm / 15.75in

Z Axis = 44: 400mm (15.7 in.) / 45: 500mm (19.6 in.) / 46: 600mm (23.6 in.)

Resolution X & Z Axis - 1 µm

Pneumatic axis lock

SPINDLE

Interchangeable tool sleeve

Tool sleeve rotation brake

Fine micrometric adjustments

Glass optical scales, SP class precision linear guides

Concentricity - 2 µm

Maximum Tool Weight 40kg / 88 lbs.

OPERATING SYSTEM

Vertical Full HD 22" Monitor

CVS, user friendly, multilingual software

Windows Operating System with data back-up system

Storage of up to 200 machine origins and 40,000 tools

7 port USB hub

1 Network LAN port

CAPABILITIES

Measure - Line

Measure - Angle/Max. Angle

Measure - Radius/Max. Radius

Measure - Protractor

Measure - Tool Profile

Measure - Set Radius

Measure - Cog

Measure - Multicutter

Measurements of GHOST, Multitool & Angular heads with standard Tool Pack software

VISION SYSTEM

HD Camera

40x Magnification

7 x 7 field of view

Cool light LED ring illuminator

OPTIONS

Label Printer

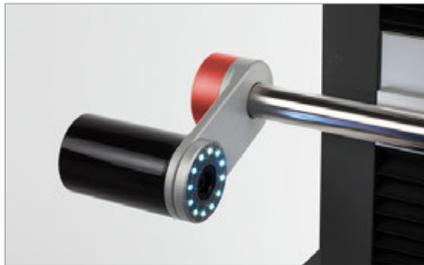
Presetter support table C231

Tool locking mechanism interlock system

DXF Software - Import/Export of tool profiles

Other connection systems such as Balluff®

FEATURES



HIGH PERFORMANCE

Powerful and easy to use, the Leader Plus Presetter is a sophisticated machine for tool analysis. With many advanced features and the ability to manage your tooling library, the Leader Plus presetter is the ultimate in tool presetting.

CONSTANT GEOMETRY TECHNOLOGY

Material choice is at the heart of Constant Geometry Technology. Using only like materials with identical thermal expansion coefficients, we can guarantee constant presetter geometry in all working conditions.

ERGONOMICALLY DESIGNED CONTROLS

With the operator in mind, the Leader Plus presetter was designed with an ergonomic micrometric hand wheel allowing for easy fine adjustment of the presetter's optics. A "zero gravity" support column allows smooth, effortless movement of the camera optics in both X and Z. Easy to use interchangeable tool pots allows the presetter to be quickly switched to accommodate any type of tooling.

SOFTWARE

Simple and intuitive, the CVS software is easy to use. All functions are easy to find and shown using simple, graphical icons. It's never been easier or faster to set your tooling; create tool lists and tool offset files in minutes. The Leader Plus allows up to 200 machine origins and tool lists up to 200 tools. The optional DXF function allows the operator to quickly compare tool profiles or create and export a tool profile. The easy to use post-processing system allows the presetter to communicate with over 40 CNC control types.

OVERSIZED HD DISPLAY

Easy to use software combined with a 22" HD monitor provides the operator with full control. Easily select any of the presetter's measuring options with one click while still viewing the edge of the cutting tool.

SLIDWAYS / OPTICAL SCALES

The Leader Plus is built with dual SP Precision guides and preloaded recirculating bearings mounted to a stabilized steel base ground to 2 microns of planarity. 1-micron glass optical scales are used to ensure the highest accuracy of tool measurements.

LEADER plus





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