

# Xtreme<sup>+</sup> Series of DRO's

## Features

- ♦ Color graphical lcd display 5.7" diagonal size.
- ♦ User friendly GUI.
- ♦ 3/4 Axis configuration
- ♦ Sleek design
- ♦ Accurate and time saving measurement algorithms
- ♦ Built in 2D CMM features-check the job on same machine after work is over
- ♦ High accuracy optical scale measuring system
- ♦ Audio feedback
- ♦ Part tolerance
- ♦ RS232 data output
- ♦ Online 2D drawing plotting on LCD display.
- ♦ 1:1 Scale 2D drawing export to PC in dxf format.
- ♦ Touch probe interface.
- ♦ IR remote keyboard.
- ♦ Footswitch input
- ♦ Supports complex circle / arc / line / frames/ matrix hole patterns /programmable XY coordinates / mirroring / scaling
- ♦ 10000 Drilling points storage memory for run mode
- ♦ Linear error correction.
- ♦ Non linear error correction(nlcf).
- ♦ Language independent.
- ♦ Optional serial printer interface.
- ♦ Extended features using DPTOOLS\_V3 software for excel reporting, dxf export, dxf import and excel create or import for drilling points downloading in run mode, user language downloading, NCLF upload/download etc.

## Basic Functions :

- ♦ Inch/mm conversion.
- ♦ ABS /INCc referencing.
- ♦ RAD/DIA function.
- ♦ Settable encoder resolution.
- ♦ Settable encoder direction.
- ♦ Settable display resolution.
- ♦ Polar coordinates
- ♦ Tool offset-no of tools-100
- ♦ Job clock/ feed rate display
- ♦ Homing facility.
- ♦ Non volatile memory backup.
- ♦ Halving function.
- ♦ Center of circle function
- ♦ Near zero warning beep.
- ♦ High counting frequency upto 3.75Mhz
- ♦ Settable display refresh time.
- ♦ Mirroring/ scaling.

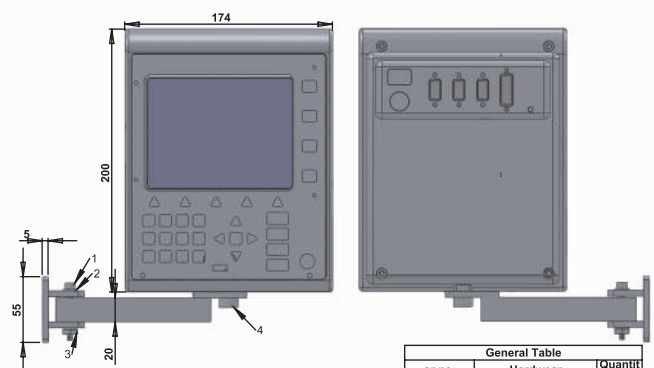
## 2D Measurement Functions :

- ♦ Measurement of point / line / circle / arc / distance / angle / skew
- ♦ Construction of point / line / circle / distance / angle / skew using 2D functions.



- ♦ 2D origin setting
- ♦ Coordinate system rotation.
- ♦ 2D Origin translation
- ♦ Polar coordinate recall
- ♦ Determining centre point and diameter of index circle(pcd).
- ♦ Tolerance judgment
- ♦ Calculator function.

## Mounting Drawing:



d.p. stand

Mounting stand is a optional accessory and may change without prior notice.