# DCP05 for TDRA6000 – Software Structure V8.9





# DCP 05 for TDRA6000 – Basics

Navigation and function selection is done via **Arrow** and Function Keys **F1-F6**. The 2<sup>nd</sup> layer of function keys can be displayed by pressing the **Shift** key.

15:42 DCP05-TDRA	RL 3	[ 🖁 🛊 🖁	: 🔾 🕅		
3D-MEAS			×		
3D-File(3DF)	:	demo1.adf			
Point ID(PID	)):		P1		
X Nominal :		850.0			
Y Nominal :		3830.0			
Z Nominal :		-40	0.0		
Devi	ation	Actual			
X:	0.7	850.7			
Y:	-2.6	3827.4			
Z:	-4.8	-40	4.8		
			A ①		
ALL DIST	POINT A	IM PID	CONT		

F1 F2 F3 F4 F5 F6 Shift		F1	F2	F3	F4	F5	F6	Shift
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CONT

Use the CONTINUE key for function or data selection.

**HELP** Context sensitive HELP is available on the 2<sup>nd</sup> layer (use SHIFT key)



# DCP 05 for TDRA6000 – Software Structure













# 4. Measurement

(Data Recording)



### 4. Measurement (Data Recording) ALL Records XYZ values DIST Records Distance only POINT ➔ Point menu AIM Move to NOM position PID Point selection list SETNG 2nd → Sensor Settings Separate Recording Separate recording of distance and **Hidden Point** X or Y or Z Circle **SPECI** 2nd ► Measurement of a linear Individual Circle Recording of X,Y and Z angles measurement Hidden Point Device ➔ Special Functions mode 2nd TOOL ➔ Offset Tools 2nd CALC 2 Point comparison 2nd I<> || Change Face / Average











Measurements of corners or circle edge points are usually measured with this measurement mode.

## 4. Measurement

### (Data Recording)





Usage of a Tool with 30mm offset

Tool Definition:

TID: X30mm

X: 0.0 Y: 0.0

Z: 30.0

TARG: Leica ReflTape

in Z-direction (Retro Tape)

Offset Tools
Tool definitions are basically a set or individual offset values of a tool device.
Activated tools are shown in the tool info box.
Measured points with activated tool definitions will be compensated accordingly.
Tool compensation must be based on the object coordinate system OCS.





# 3D Distance Calculation A simple application that allows quick verification of 3D distances on site. Distance files can not be used with DCP Project.















