

# CE Creator

FROM CAD DRAWING TO INSPECTION PLAN & MEASUREMENT PROGRAM.  
CONTINUOUS & AUTOMATED.

## The Interface Between InspectionXpert OnDemand & CALYPSO

The highlight for all creating first article inspections for Carl Zeiss measuring machines with CALYPSO. With 'CE Creator' you can connect the software solutions InspectionXpert and CALYPSO. As soon as your CAD drawing has been ballooned, InspectionXpert can create a csv. file with characteristics for all further process steps. CE Creator then creates a suitable CALYPSO measurement program with all inspection characteristics. Unique characteristics are retained consistently in all individual processes. All information is available in digital format and transferred in an automated way.

QA\_NUM;Merkmaltyp;Nennmaß;O-TOL;  
10;Durchmesser;6;0.1;-0.1;KMG;  
20;Position;0;0.05;KMG;  
30;Rechtwinkligkeit;0;0.05;KMG;  
40;Linearmaß;10;0.30;-0.30;KMG;  
50;Linearmaß;100;0.30;-0.30;KMG;  
60;Linearmaß;80;0.2;KMG;  
110;KMG;  
120;KMG;  
130;KMG;  
Handmes  
KMG;  
0.20;KMG  
0.01;KMG  
0.30;KMG  
0.30;KMG;  
0.30;KMG

Erstmusterprüfbericht					
Materialnummer / Version		Benennung			
100410-01 b		Adapter			
Erstellungsdatum (Prüfplan)		Version (Prüfplan)			
01.09.2015					
#	Typ des Prüfmerkmals	Ergänzende Beschreibung des Prüfmerkmals	Toleranzgrenzen		Prüfung
			Kleinmaß	Größtmaß	Messmittel
10	Durchmesser	6	5,900	6,100	
20	Position	-	0,000	0,050	
30	Rechtwinkligkeit	-	0,000	0,050	
40	Abstand	10	9,900	10,100	
50	Abstand	100	99,700	100,300	



**K2D**  
KEY TO DATA

K2D-KeyToData GmbH  
Berliner Straße 31  
71229 Leonberg  
Germany

Phone +49 7152 9453 0  
Fax +49 7152 9453 90  
info@keytodata.com  
www.keytodata.com

## CONSISTENCY IN THE CASE OF DRAWING REVISIONS - NOTHING IS AS CONSTANT AS CHANGE

Changes in products or processes affect relevant documents and have to be covered by revision sampling inspections. Revisions cause huge efforts and the potential for failure increases exponentially.

### CE Creator can handle changes easily

In addition to major time savings by automation, faults will be reduced as far as possible.

### Consistency transferred into the CALYPSO program

Changes are transferred directly into the measurement program.

### Process reliability

With the integrated CE Creator comparison feature the detected scope of change is efficiently processed. Only changes will be processed.

### Transparency and traceability by standardisation

With CE Creator revisions will be standard processes. The regulatory framework is fixed and the user influence is minimised.

### Flexible interfaces

The Q-DAS ASCII transfer format is of course supported. The input interface is highly configurable, nearly every file format can be read.

### Extension: Mapping Option

This option provides module transfers of the characteristics from files (e.g. Q-DAS file .DFD via the ballooning tool) into a CALYPSO inspection characteristics within an existing CALYPSO inspection plan.

CE Creator is a product of the manufacturer AfM Technology GmbH

### Benefits at a glance

- Consistent and unique tagging
- All data is available electronically
- Time saving
- Standardization
- Reproducibility
- Error prevention
- Minimizing manual data input
- Process editing is supported
- Cost reduction



K2D-KeyToData GmbH  
Berliner Straße 31  
71229 Leonberg  
Germany

Phone +49 7152 9453 0  
Fax +49 7152 9453 90  
info@keytodata.com  
www.keytodata.com