

## CE Creator – Consistent and automated, from drawings to prototype test reports

QA\_NUM;Merkmaltyp;Nennmaß;O-TOL;U-TOL;Mess

10;Durchmesser;6;0.1;-0.1;KMG;

20;Position;;0.05;0;KMG;

30;Rechtwinkigkeit;;0.05;0;KMG;

40;Linearmaß;10;0.1;-0.1;KMG;

50;Linearmaß;100;0.30;-0.30;KMG;

60;Linearmaß;80;0.2;0;KMG;

70;Linearmaß;50;0.30;-0.30;KMG;

80;Durchmesser;M6 (4x);;KMG;

90;Position;(4x);0.1;0;KMG;

100;Linearmaß;40;0.5;0;KMG;

110;Parallelität;;0.1;0;KMG;

120;Durchmesser;4;0.018;0;KMG;H8

130;Linearmaß;20;0.20;-0.20;KMG;

140;Durchmesser;4;0.018;0;KMG;H8

150;Linearmaß;5;0.10;-0.10;KMG;

160;Linearmaß;10;0.20;-0.20;KMG;

Erstmusterprüfbericht				
Materialnummer / Version		Benennung		
100410.01 b		Adapter		
Erstellungsdatum (Prüfplan)		Version (Prüfplan)		
23.03.2011				
#	Typ des Prüfmerkmals	Ergänzende Beschreibung des Prüfmerkmals	Toleranzgrenzen	
			Nennmaß	Größtmaß
10	Durchmesser	6	5,900	6,100
20	Position	-	0,000	0,050
30	Rechtwinkigkeit	-	0,000	0,050
40	Abstand	10	9,900	10,100
50	Abstand	100	99,700	100,300
60	Abstand	80	80,000	80,200

### Target Users

Manufacturing companies who are running CALYPSO measuring software and issuing prototype test reports.

### State of Technology

Even if categorical feature names exist, their consistent application throughout all processes is not an industry standard. Associated data is usually typed in manually.

### Innovation

With CE Creator, categorical feature numbers are consistently used in each individual process. All information is available in electronic form and is automatically transferred.

### User Benefits

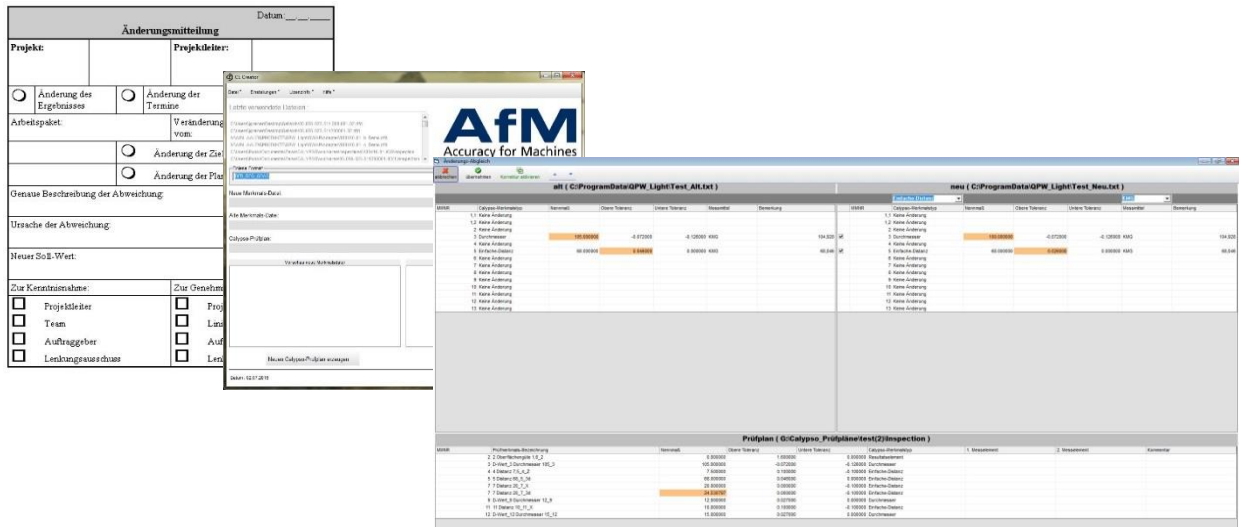
- Consistent, categorical identification
- Electronically available information
- Time saving
- Standardisation
- Reproducibility
- Error prevention
- Minimisation of manual entries
- Support of modification process
- Cost reduction

# Consistency until Measurement Plan Creation

„There is nothing more constant than change“

Product or process modifications can affect relevant documents and therefore need to be displayed in the inspections.

Modifications involve a high time effort and excessively increase the error risk.



## CE Creator handles modifications

Additionally to a shorter time input, due to automation, errors can also be eliminated.

## Consistency into CALYPSO software

Modifications are directly adopted by the measurement program.

## Process Reliability

The integrated CE Creator content comparison option helps to effectively implement the identified scope of modification. Only those modifications will be adopted by the software.

## Flexible Interface

CE Creator supports Q-DAS ASCII transfer format. The input interface is highly configurable, enabling the software to read most common data formats.

## Transparency and traceability through standardisation

With the CE Creator, modification will become a standard process. A fixed set of user rules helps to minimise the operator influence.

## Extensions: Mapping Option

This option converts the feature number from a feature data file (e.g. the Q-DAS-format .DFD from a random stamp module) into a CALYPSO tested feature attribute of an existing CALYPSO measurement plan.



**AfM Technology GmbH**  
Gartenstraße 133  
73430 Aalen  
Germany

Fon +49 (0) 73 61 88 96 08-0  
Fax +49 (0) 73 61 88 96 08-99  
www.afm-tec.de  
info@afm-tec.de