

Software options to reduce material costs

Database for measured values including summary reports with date range filter

This program automatically summaries measuring data in standard ASCII-files per article number and/or order number. Or any other info-field name. Those data can later be used for analyzes and summery reports. There are 2 types of summary protocols available. One with Measuring time in the first column.

Ore one with the subtype. Now also the summery report has a built in date range filter as well as a browser function for old data. Old data are normally stored annually handled by the KSMEval program. Via this software also trend curves can be displayed if optional program KSMtrend is used.

Via the trend curve individual data can be displayed and new data can be added to the existing measuring data, for example hot set values. Also the measured image including measuring lines can from the measuring point be displayed to control the sample quality.

Summary Report

Result file: c:\ksmfix\data\ACM141RG.DAT Browse... Date range: --

ACM KSM2 www.acm

Cable Type	RG
Article #	ACM141RG

Measure time	Machine	Order #	Operator	subtype	1.415	1.538	wallmin	wallave.	wallmax	conc.
2004-02-24 17:37:10	Maillefer11		SA		1.53	1.65	1.53	1.65	1.84	0.31
2004-02-24 17:37:20	Maillefer11		SA		1.53	1.65	1.53	1.65	1.84	0.31
2004-02-24 17:37:36	Maillefer11	ACM123	SA		1.53	1.65	1.53	1.65	1.84	0.31

Cable Type	RG
Order #	
Machine	Maillefer11
Operator	SA
Article #	ACM141RG
Batch	

2004-02-24 17:37:10	subtype	wallmin	wallave.	wallmax	conc.	Area	O.dism.ave.	oval	Colour	Resist	Meas.wt.
	1.53	1.65	1.84	0.31	86.91	17.93	0.07	0			
	1.53	1.65	1.84	0.31	86.91	17.93	0.07	0			

ACM143RG dist. Wall wall.ave. m = 1.61 sd = 0.03 Cpk = 0.64 [25]
 Date: 2004-12-16 - 2005-07-31 wall.min m = 1.50 sd = 0.03 Cpk = 0.51 [25]
 KSMDemo 224

2005-07-04 10:03:20

Wall min	1.47250480289	Colour	0
Wall ave.	1.58502469144	Material	PVC2
Wall max	1.76753449952	Calc.wt	
Concentricity	0.295023696632	Ovality #	0
Out.D min	17.15830635955	Concentricity #	0
Out.D ave.	17.1814762205	Cable Type	RG
Out.D max	17.2161589299	info-2	
Ovality	0.0578525744131	Order #	1234
Inn.D min	13.79040693965	Machine	Maillefer11
Inn.D ave.	13.9166273293	Operator	T243
Inn.D max	14.0109046401	Article #	ACM141RG
Area Wall	73.6268801103	info-7	
Area Hole	151.91857603	info-8	

The complete measuring point can if set in setup be deleted.

KSMEXCEL export in Summary reports

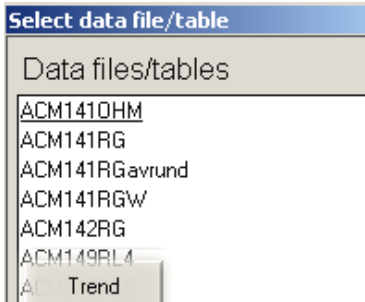
Convert and export measuring files via the Export function then integrated in Summary function. Files are readable in EXCEL, for example on the Server. The file is automatically named but the name and location can be altered if the default is not suitable. The default location is selected in KSM Setup. This function can also be automated. Now also is a function enclosed to export all data to one big xls file.

File name:

Summary Reports, Database for result, optional program can also be used with Remote.



Select < File < Summary report Subtype
 Select file to create report. Quick filter search is available.
 The report can be printed and/or exported to an .xls file format.
 From version 2.20, there are 2 types of summary reports available.
 This also applies for the “Summary Report Time”.



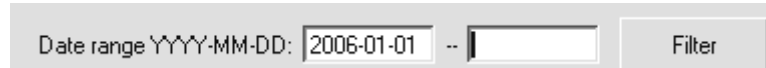
If the optional KSM Trend is installed it is also possible to display a selected Trend curve. Just as after measuring via “Summary”.
 Select button “Trend” for the selected file or Other Trend (for other products).



New from version 2.20

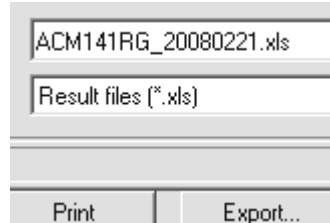
The selected item ca also be exported to an “xls” file (raw data with one header in txt format) or moved to backup.

From version 2.23 you can also select time span for data in the summary report.



Date Format **YYYY-MM-DD**

Selected data can be printed and exported to an xls file.



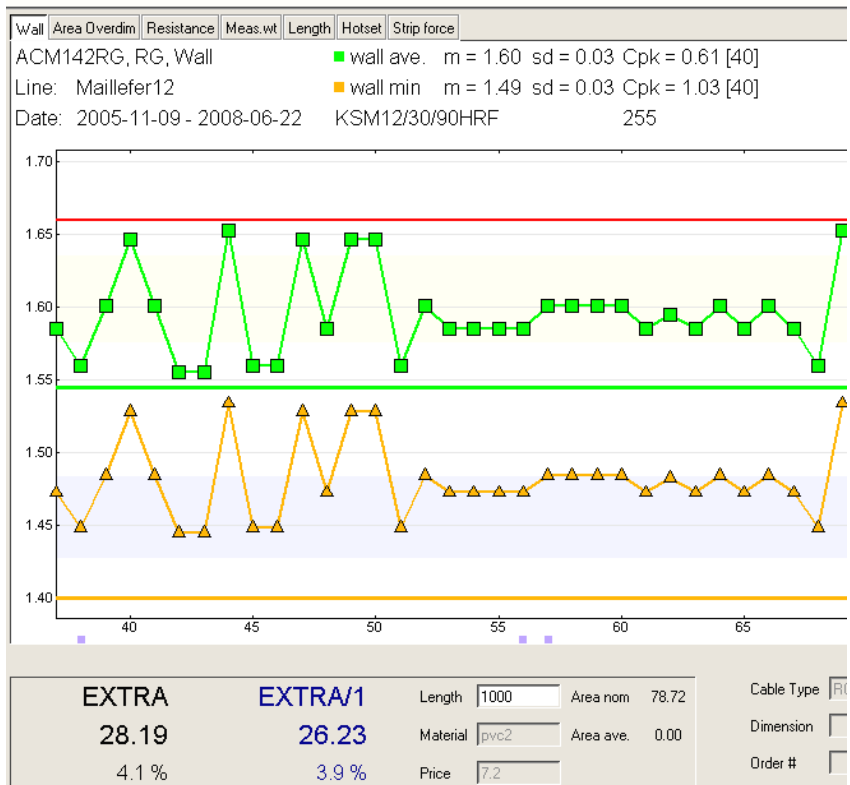
KSMTrend, the optional trend curve program can be used in the remote mode.

KSMTrend automatically display walls and now also other trend curves such as the calculated over dimensional cost within a second after measuring.

Trend curves for min wall and average wall are directly after measuring displayed at the screen.

Per production line if machine number is noted.

When next product (article) is measured its trend curve will be displayed including earlier measurements. Average values and standard deviations are calculated. By pointing at the measurement point its value and measuring time are displayed and values can be added and edited in the same manner as the normal KSM and KSMLDB Mode Data including specification vales are also saved in the KSM format making it possible to use trend curves and the office data



analyze program KSMEval.

From version 2.56 automatically calculated Over dimensional area can be also be displayed as a trend curve.

The biggest cost in cable production, material.



**5 %
extra
material
not paid
for!!!**

ACM Measuring Technology AB

Drakvägen 8, SE-175 65 JÄRFÄLLA, Sweden.

Phone +46 - 8 89 27 15, Fax +46 - 8 89 37 50 e-mail ksm@acmab.com www.acmab.com