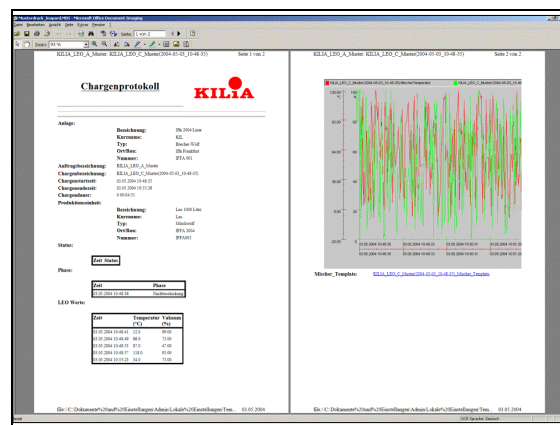
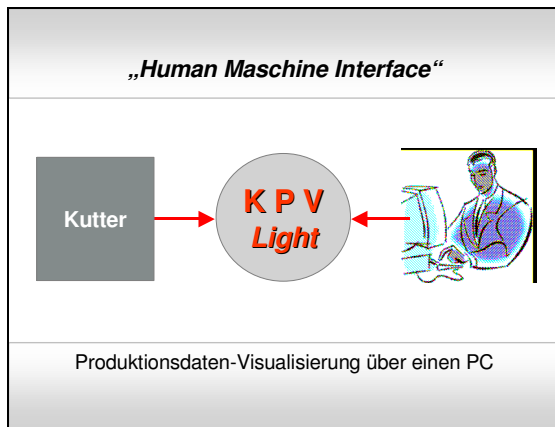


Simply the best from Germany



# KILIA Process Visualisation (KPV Basic)

According to EU regulation 178 / 2002



The **KPV Basic** is the enhanced version of the **KILIA Process Visualisation** and suitable for small to large companies. It allows to visualise and document production processes, e.g. of bowl cutters, mixers or mixer-grinders, relating to batch and operator. Therefore, it is an indispensable component for batch traceability as prescribed by EU regulation 178/2002.

The following process data are documented:

- batch no.
- operator no.
- date
- time
- time length of batch processing
- temperature pattern
- mixing respective cutting speeds.

Via an USB interface, these data can be transferred onto a standard office-PC (Excel format), e.g. in the office of the production manager (data line from switch cabinet required),

**KILIA** Fleischerei- und Spezial-  
Maschinen-Fabrik GmbH  
Christianstraße 160-164  
24536 Neumünster • Germany  
Tel +49 (0) 4321 3092 00  
Fax +49 (0) 4321 3092 88  
e-mail kilia@kilia.com  
http://www.kilia.com

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zertifiziert



Zertifikat Nr.  
CERT-09475-2000-AQ-ESN-TGA

where they can easily be analysed / documented with a preset mask (Excel format). Additionally, the **KPV Basic** contains a **recipe manager**, that can be programmed comfortably from an office-PC with a preset mask. The overview menu on the operating key pad then shows product name (the recipe) and its number (e.g. recipe no. 1 = corned beef). In the corresponding submenu, the recipe composition is shown in the form of short text modules. After the recipe selection follows the “automatic” run of processing steps according to recipe and set text.

The screenshot shows the KILIA software interface. At the top, the date and time are 06.05.2004 10:03:42, and the KILIA logo is visible. The interface is divided into several sections:

- Recipe Information:**
  - Rezeptnummer: 1
  - Datensatz: 1
  - Rezeptname: Leberwurst
- Zutat (Ingredients):**

Zutat	Menge	Eingeit	Bemerkung
Leber	40	kg	vorgekochte Leber
Wasser	50	L	
Gewürzmischung A	400	g	Geheime Gewürzmischung
	0	kg	
	0	kg	
- Process Parameters:**

Messerdrehzahl in 1/min	Tellerdrehzahl in 1/min	max. Temperatur in °C	Abschaltbedingung Umdrehungen	Vakuum in bar	Wasser in Liter	kochen	kühlen	N2
1500	12	13	123	65	0	Aus	Aus	Aus
- Archiv und Protokoll Einstellungen (Archive and Log Settings):**
  - Rezept nach Abarbeitung Archivieren: Ja
  - Rezept nach Abarbeitung Drucken: Ja
  - Rezept nach Abarbeitung exportieren: Ja
  - Angabe des Bedieners notwendig: Nein
- Buttons:** speichern, laden, Löschen, Export, Import, EXIT

Optionally available is a **camera**, which does not only allow the personnel, which is not working near the machine, to have a continuous overview of the production processes, but also the KILIA service technicians, to have a direct insight onto the actual machine state whenever required (via internet connection within the scope of the remote diagnosis modules).

The **KILIA Process Visualisation** software can basically be installed for all new machines built from 2007 onwards. The software can also be installed into older models, as long as they are already equipped with an SPS-steering. For this it might be necessary to upgrade the key pad respectively the SPS. Thus, principally the possibility exists, to visualise existing machines without having to invest considerably into new machines.