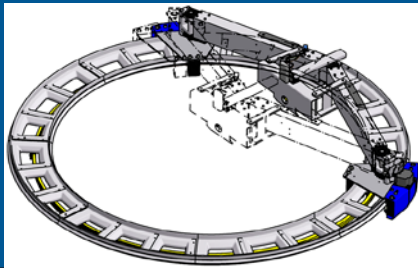
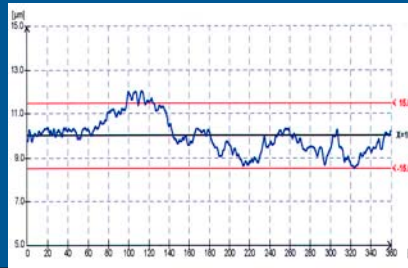


Manage film extrusion quality with measuring and control upgrades



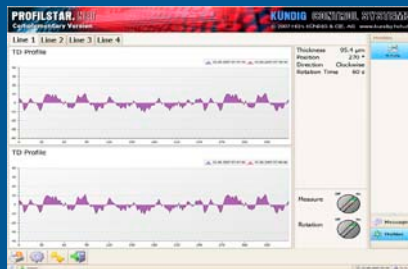
Online thickness gauge



Offline thickness gauge



Layflat control

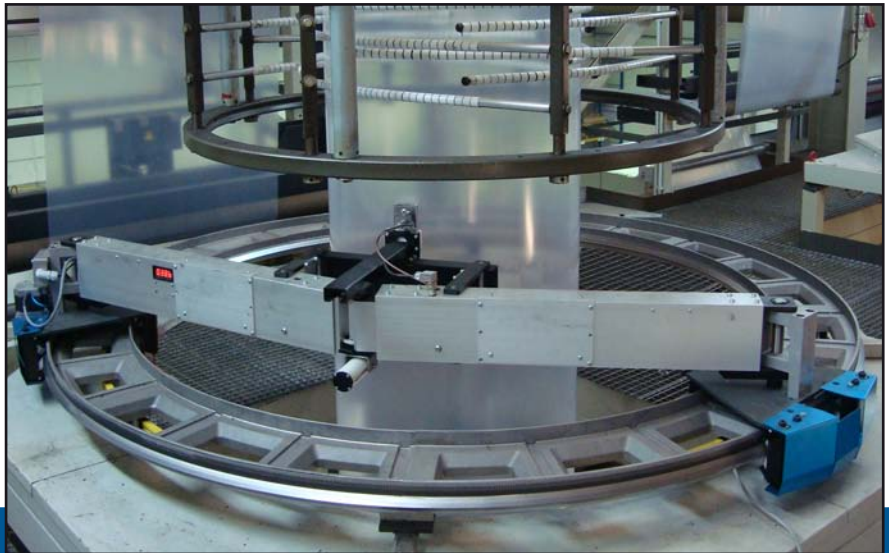


Profile visualization

K-300 Rotomat KT

■ The K-300 thickness sensor is based on the capacitive measuring principle. The Rotomat KT ensures a quick profile refresh by its continuous rotation. It takes only 36 seconds on the standard sized scanners.

Application: The K-300 Rotomat KT can be used for a wide range of different films.



KNC-400 «Clingfree»



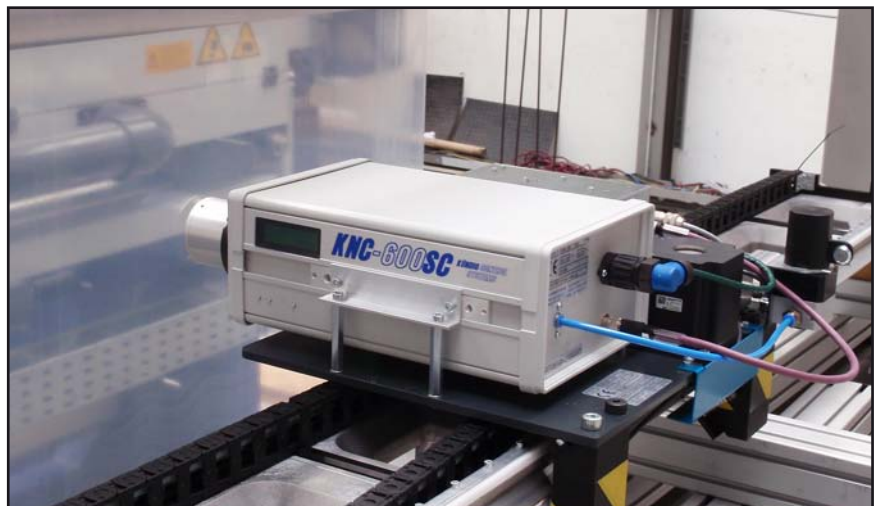
■ This thickness measuring system is based on a capacitance measuring principle. By using an air-gap between film and measuring head, a production of sensitive films without scratches is ensured. The measuring characteristics are equal to the K-300.

Application: The KNC-400 Clingfree is the ideal solution to measure sensitive films. (e.g. EVA)

KNC-600 Linear Scanner

■ A capacitive sensor measures the thickness of the flat film. By using an air-gap between film and measuring head, a production of sensitive films without scratches is ensured. The measuring characteristics are equal to the K-300.

Application: The KNC-600 Linear Scanner is an online thickness gauge for cast film lines.



K-300 CF Gauge

■ The K-300 CF Gauge is a simple and cost effective solution to upgrade existing lines. The compact device, which is mounted into the collapsing frame, has a built-in RS-485 port for connection to the PC with the PROFILSTAR.NET or other visualization software. A wireless communication module is optional available.

Application: Online thickness gauge for manual die adjustment. Helps to improve film quality and save raw material at the same time.



S-100 TWIN



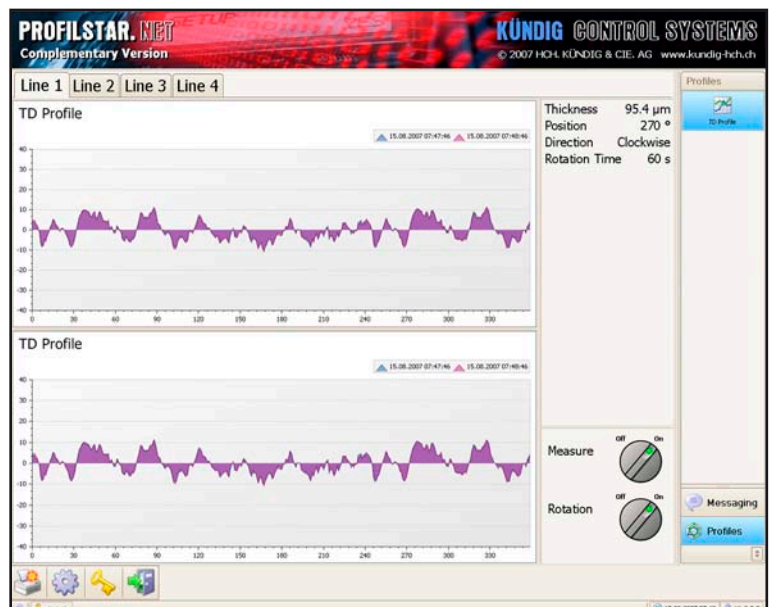
■ A capacitance measuring system. Any film can be measured except electrical conductive materials. Also, layflat and web position is measured with the same unit. The profile update depends on the rotation speed of the collapsing frame.

Application: S-100 TWIN has been developed for non-contact measurement of barrier films.

PROFILSTAR.NET

■ The visualization tool for retrofitted blown film lines. Any online thickness gauge from Kündig Control Systems can be connected to the PROFILSTAR.NET. It displays linear and circle profile as well as the trend.

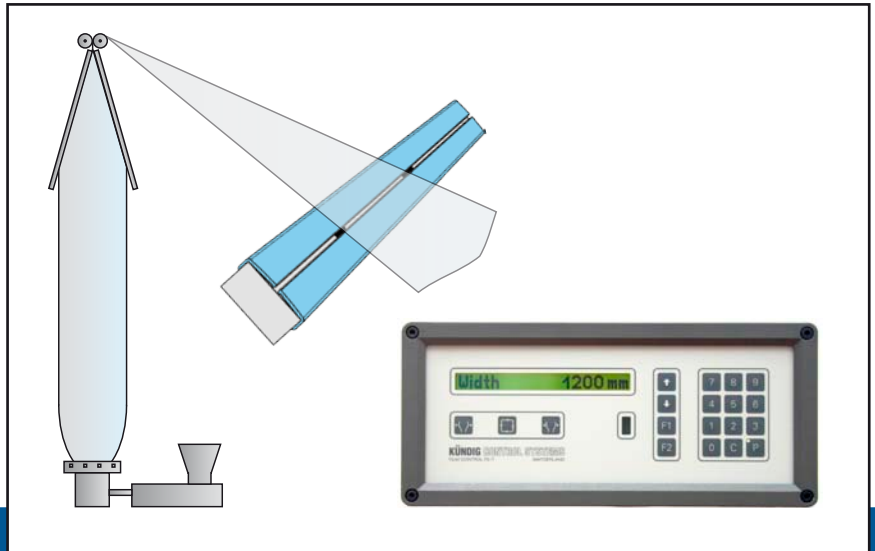
Application: Visualization system for on-line thickness gauges.



FE-7 Layflat control

■ Two optical sensors measure the layflat of the film. The measuring bars are available as contact and non-contact type. The control unit regulates the width of lines with or without IBC systems.

Applications: The automatic width control FE-7 is a self-sufficient and suitable system to retrofit existing lines, a small investment that assures you considerable savings of raw material and a very short payback period.



FILMTEST

■ A complete thickness distribution is measured by a capacitive sensor. The average thickness is calculated depending on the length, width, weight and density of the film; therefore the system does not need calibration.

Application: The FILMTEST is generally used for a professional quality and assurance control. The results can be archived and kept in a database.

Harmonic Analysis: Our new software module for the FILMTEST can calculate and represent graphically the fundamental wave and the high harmonics of a thickness profile.

HCH. KÜNDIG & CIE. AG
Joweid Zentrum 11
CH-8630 Rüti ZH / Switzerland

Phone +41 (0) 55 250 3616
Fax +41 (0) 55 250 3601

kcs@kundig-hch.ch
www.kundig-hch.ch

KÜNDIG CONTROL SYSTEMS
The Gauge Manufacturer for Film Extrusion 