

Milestones:

1984 - The first highfrequency acoustic microscope „**ELSAM**“ was developed and introduced to the market by the company Ernst Leitz / Leica in Wetzlar. ELSAM was working with a frequency of 800 MHz and established itself in various applications as a microscope for research.



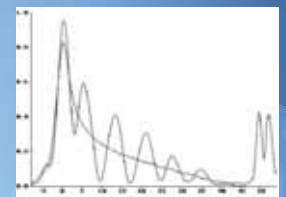
1984 - ELSAM

1989 - Foundation of **KSI**, Dr. Klaus Kraemer developed the successor of ELSAM, **ELSAM X1** for Ernst Leitz / Leica.



1989 - ELSAM X1

1991 - The **V(z)** module for Ernst Leitz/Leica, pc-based-system to measure the Rayleigh-waves in materials with SAM, is presented



1991 - V(z)-Curve

1994 - Dr. Klaus Kraemer inherited the full line of products of scanning acoustic microscopes from Ernst Leitz / Leica and founded the company "**Kraemer Scientific Instruments GmbH**" with world-wide 10 sales-agencies.



1994 - SAM 50

1995 – Development of the ultrahigh frequency scanning acoustic microscope **SAM 2000** by Dr. Klaus Krämer based on the ELSAM.



1995 - SAM 100

1996 – Development of the first **Lamb wave lens** with frequency dependense measurements.



1995 - SAM 2000

1997 - Market introduction of **SAM 200**, scanning acoustic microscope with 200 MHz for industrial applications.



1997 - SAM 200

1998 - Foundation of „**IFA – Institut für Akustomikroskopie**“, a service provider for analysing samples.



1998 - IFA

Milestones:

2000 - WINSAM Vario I-III scanning acoustic microscope series for research and quality control with frequencies up to 400 MHz



2000 - WINSAM Vario III

2002 - Air support linear motion scanner for SAM, industrial applications, maintenance free.



2002 - Air support scanner

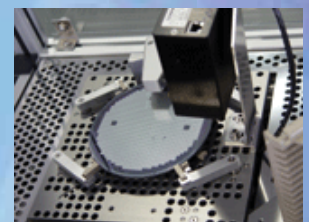
2003 - Foundation of SAMTEC – Scanning Acoustic Microscopy Technology in Aalen.

2004 - Development and market introduction of the Evolution series I-III. SAM with 500 MHz bandwidth.



2004 - Evolution III

2005 - Implementation of Wafer-Handler for SAM Evolution series



2005 - Wafer-Handler

2006 - Twin-system and Auto-Ingot are presented .

2007 - Auto-Tray-Handler for SAM is presented.

2009 - The company KSI - Kraemer Sonic Industries GmbH with the registered office in Herborn (Germany) is founded.

2009 - New KSI v-Series is introduced with the products **v-200, v-400, v-700, v-1000, v-duo, v-quattro and v-octo.**



2006 - Auto-Ingot



2006 - Twin-system



2009 – KSI™ v-Series



2007 - Auto-Tray-Handler