



LILIT

Keep your curing processes under control in real-time, without contact



TAU Industrial Robotics

tauindustrialrobotics.com



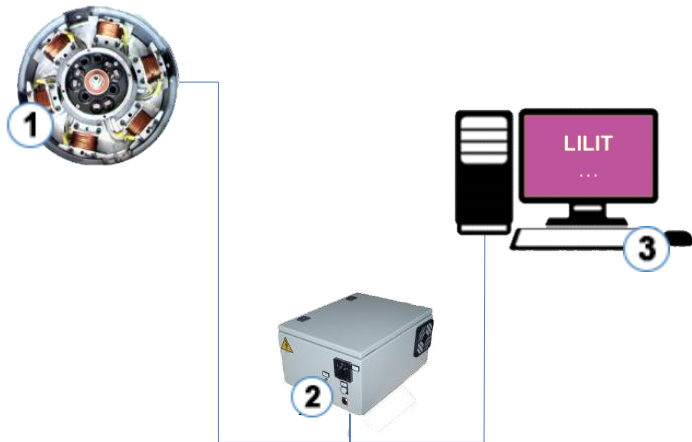
Fast and precise optimization of the process parameter



Constant quality monitoring



Immediate feedback during production start-up



1 Contactless in-line measurements

2 Compact central unit, easily movable

3 Real-time remote quality control

About us

Tau Industrial Robotics is rethinking production control technologies. Our on-line control technology maximizes the productivity of the impregnation process for motors, generators, transformers and electric equipment in general

Product Function

LILIT is the quality and process control system which monitor the polymerization level in real time and on-line

Tech problem and solution

Before LILIT, the only way to know the polymerization level of different coatings were slow and expensive laboratory tests. With the use of a newly developed technology, LILIT systems read the polymerization level continuously and without interfering with the production in any way



5% additional productivity



Immediate feedback with 50% reduction in the production start-up time



75% reduction of expensive and time consuming sample testing performed in laboratory

Table with tech specs

Motor Size	>0,1 kW
Contactless measurement distance	4-20 mm
Error margin	±2%

Technical description

The LILIT technology is a new, contactless method to control in real time the polymerization level of the insulating and protective resins used for the impregnation of electric motors, generators and transformers . The quality parameters can be visualized in real time by the operator on an interface screen and sent to the company's production management systems through the internal network.

Applications

LILIT can be employed for monitoring cures of motors, generators, transformers and electric equipment in general as well as for controlling processes like e-beam crosslinking of polymers and optical fiber cladding.



Power&Energy



LILIT

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