

# İkitelli Laboratory

## Machine/ Device/Equipment Park

### April 2021

#### **Test Methods and Devices**

Coating Thickness  
Surface Roughness  
Tensile testing  
Metallurgical microscope  
Optical emission spectrometer (OES)  
Mobil XRF spectrometer  
Universal hardness tester  
Vickers hardness tester

#### **Model/Origin**

Fischer DUALSCOPE Model MPOR-FP Germany  
Mitutoyo Surftest SJ 210 Japan  
125 kN load capacity, LFM-100 model, Walter Bai, Switzerland  
Nikon Eclipse MA100L model, Japan  
Bruker Q8 Magellan model, Germany  
Bruker S1 Titan XRF model, USA  
Innovatest Versuz 750 CCD model, Netherlands  
Innovatest Nexus 4303 model, Netherlands

#### **Sample Preparation Equipment**

Strip sanding machine  
Cutting-off machine  
Surface grinder  
Magnetic grinding machine  
Metallography grinding and polishing equipment  
Hot mounting press  
Weighing device (0–15 kg)

#### **Model/Origin**

2–Handle Strip Sanding, Işıl Makine, Turkey  
Ontaş K250 model, Turkey  
Einhell DSC 125 model, Germany  
Ontaş SG 150 A model, Turkey  
Metkon Forcipol 2V model, Turkey  
Metkon Ecopress–50 230V model, Turkey  
FKB: 15K 0.5A model, Kern, Germany