

EMCO-TEST Special hardness testing machines

Planning and realization of complete solutions such as:

Hardness testing, processing, dimension measurement, crack testing and classification all the way to system networking (mechanical, electrical, electronic and data transfer) - from a basic hardness testing machine all the way to a fully automatic, freely programmable hardness testing system.



A small selection of the approximately 500 special systems that we have delivered to date:



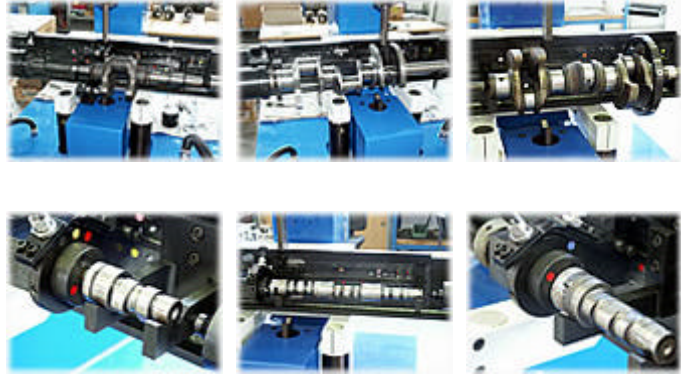
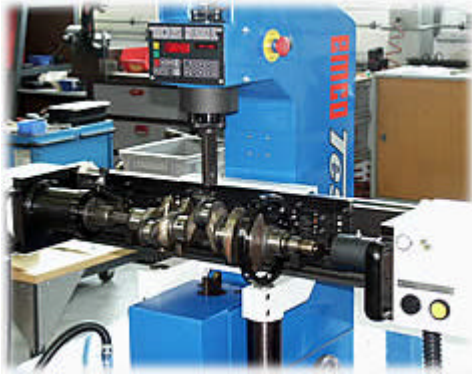
Hardness testing machine M4C250 for sealing rings

with measurement turret, automatic image evaluation and xy-slide NC



Option:

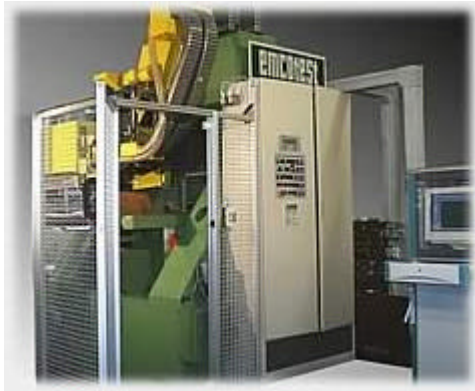
2nd CCD camera with lens for a field of view, visualizing the workpiece and defining the test point



Hardness testing machine for different crankshafts and camshafts:

Test method: HRC

Testing point: bearings and top of the cam



Hardness testing machine for pipes:

Testing unit: M5C

Testing procedure: HBW10/3000

Testing point: on pre-milled testing surface

Capacity: approx. 60 tests/hour

Loading and unloading: customer equipment

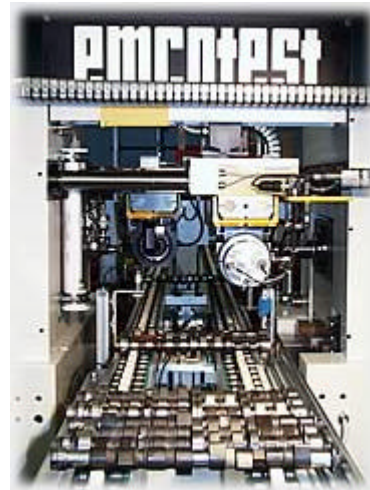
Camshaft hardness testing machine:

2 Testing units: M2Z200

Testing procedure: HRC, HRA

Testing point: ground circle

Capacity: 180 camshaft/hour





Crankshaft hardness testing machine:

Testing unit: M2Z200
Testing procedure: HRC
Testing point: bearings
Capacity: appr.40cs./hour
Loading and unloading: manually

Railway wheels hardness testing machine:

work piece: railway wheels
test point preparation: automatic milling
test method: HB10/3000
capacity: 38 parts/hour
loading/unloading + test cycle: automatic



Hardness testing machine for rail tracks:

Testing unit: Basic unit M5U300
Testing procedure:
HV,HBW5/750,HBW10/3000
Testing point: on rail running surface
with automatic image evaluation



Downloadable special hardness testing machines!

