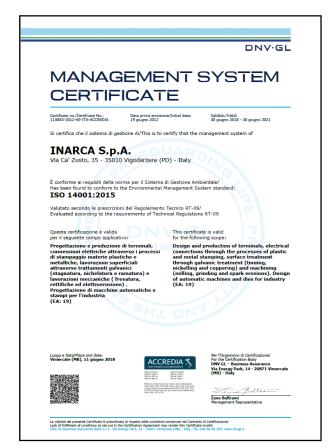
# INARCA TESTING PROCESSES Control quality laboratory



# **System Management Certifications**





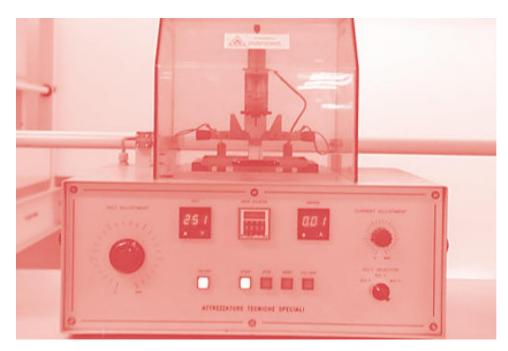




# Laboratory machine/equipment

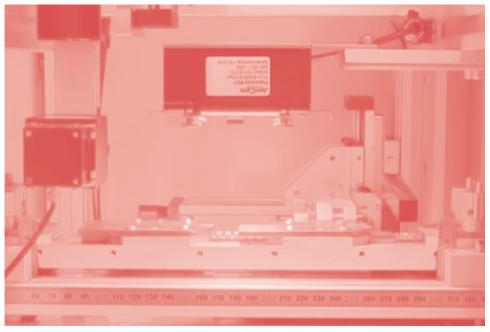
TYPE OF TEST	MACHINE/EQUIPMENT
Dimensional	ALTIMETER TYPE LINEAR HEIGHT SERIE 518-32
Dimensional	MICROMETER 0-25mm MITUTOYO
Dimensional	OPTICAL MEASURE EQUIPMENT CNCFLASH200
Dimensional	OPTICAL MEASURE EQUIPMENT EOS 6.5.4
Dimensional	OPTICAL MEASURE EQUIPMENT SMARTSCOPE FLASH 200
Dimensional	STEREOMICROSCOPE STEMI 2000C
Mechanical	DIGITAL INSERTION TEST EQUIPMENT
Mechanical	DYNAMOMETER MFG 500 CAP MAX 50 KG + STAT
Mechanical	HARDNESS MEASURER "SHORE D"
Mechanical	MICRODUROMETER LEITZ + ACCESSORI
Mechanical	MICROSCOPE MM 11B + NIKON ACCESSORIES
Mechanical	TRACTION EQUIPMENT TYPE MICRO
Mechanical	VIBRATION SYSTEM LDS V650/PA1000L +
Flammability	GLOW WIRE TEST EQUIPMENT
Electrical	DIELECTRIC STRENGHT EQUIPMENT UH 28 M/1COM
Electrical	MULTIMETRO FLUKE-189 FGID
Electrical	STEADY FEEDER 50A 220V +
Electrical	STEADY FEEDER No.4001
Electrical	STEADY FEEDER No.4002
Electrical	TESTER FOR DIELECTRIC STRENGHT GLP1-Ehv
Electrical	TRACKING RESISTANCE EQUIPMENT
Climatic	CLIMATIC CHAMBER HYGROS 15 C MATR.5990
Climatic	THERMAL SHOCK CHAMBER 2TEMP CST 84/2T
Climatic	THERMOMETER DIGITALE FLUKE MOD. 51K/J
Corrosion	SALT SPRAY EQUIPMENT TYPE 610E400 LT.











Dimensional test

### MEASURE EQUIPMENT







Mechanical test

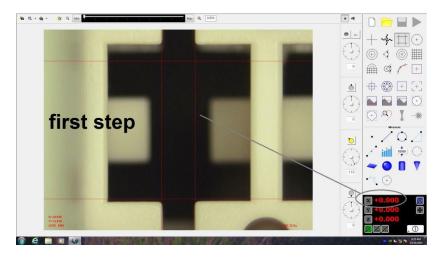
## OPTICAL MEASURE EQUIPMENT

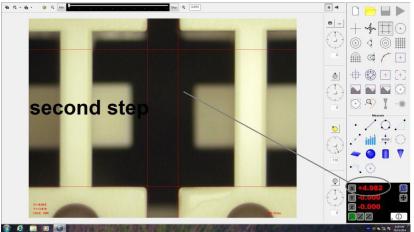


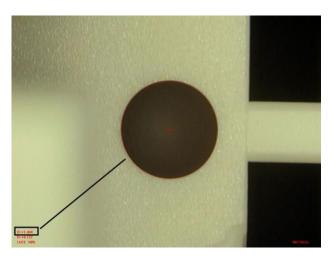


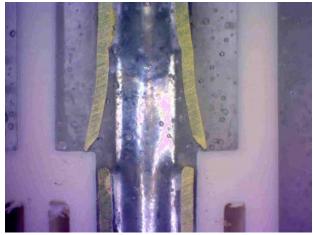


#### Dimensional test





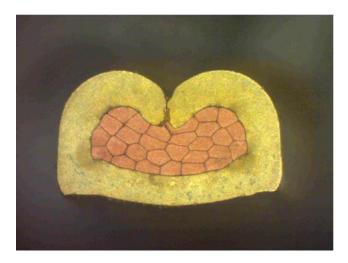


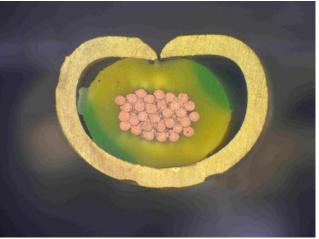


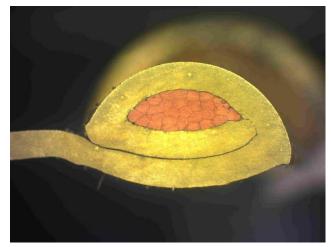


Visual test

#### **MICROSECTIONS**







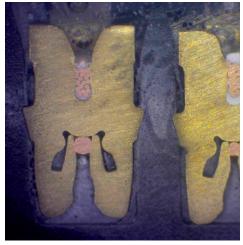


Visual test





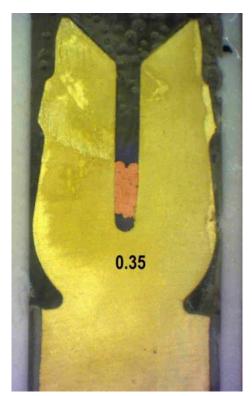


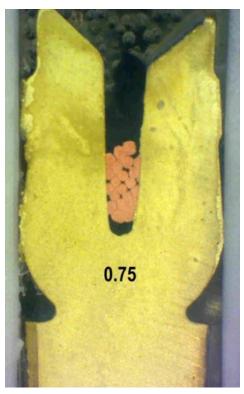


Visual test









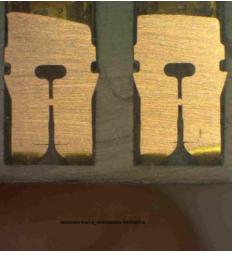


Visual test







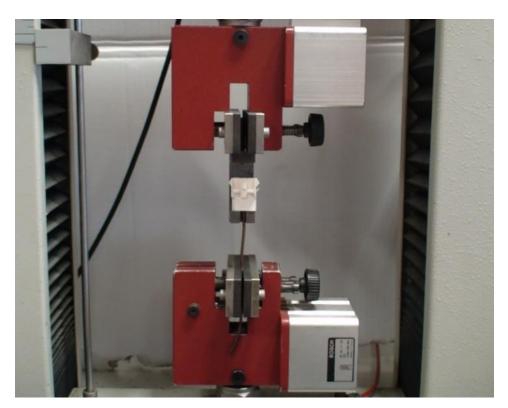


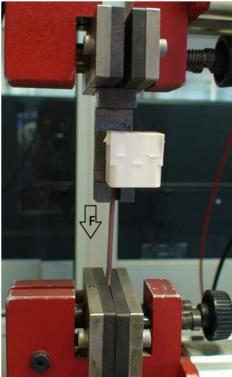


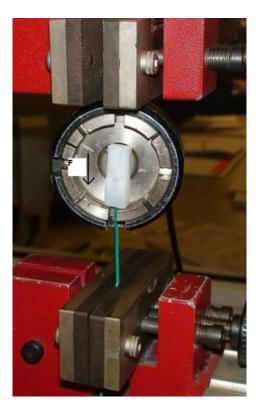
Mechanical test

#### TERMINAL INSERTION AND EXTRACTION FORCE

(into/from connectors) According to Inarca Technical Specification.







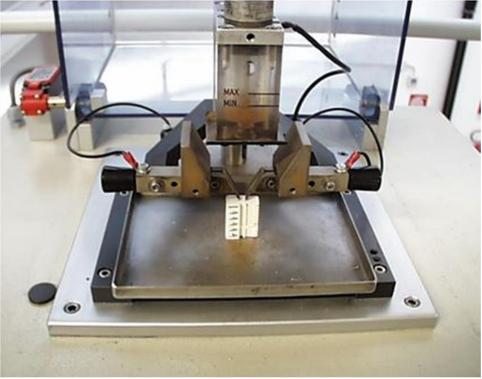


Electrical test

#### TRACKING RESISTANCE

According to CEI En 60112 and CEI EN 60335-1.

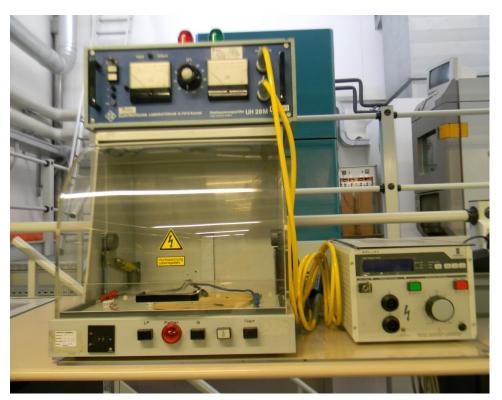






Electrical test

**DIELECTRIC STENGHT**According to EN 60335-1.



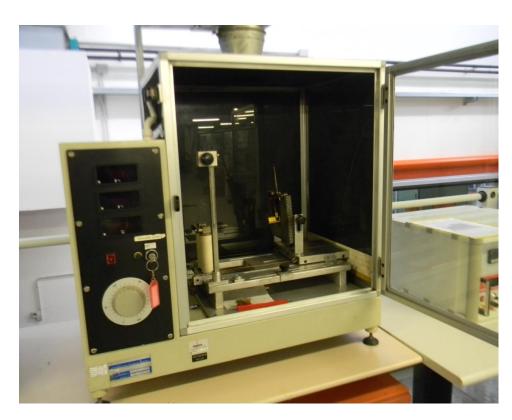




Flammability test

#### **GLOW WIRE TEST**

According to CEI EN 60695-2, CEI EN 60335-1.





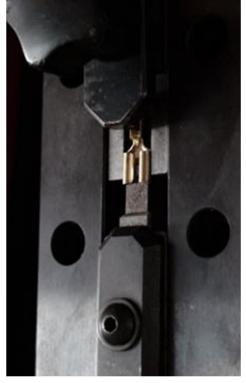


Mechanical test

#### **INSERTION AND WITHDRAWAL**

According to CEI EN 61210, CEI 48-15/IEC 760, UL 310 or Inarca Specification.







Mechanical test

**VIBRATION (AND CONTACT DISTURBANCE)** According to IEC 512.



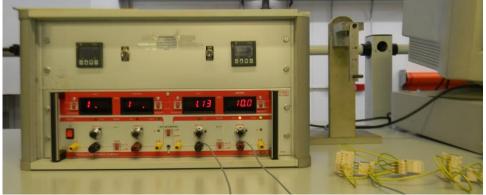


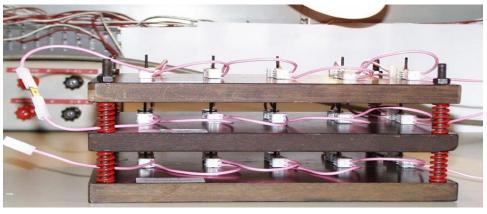


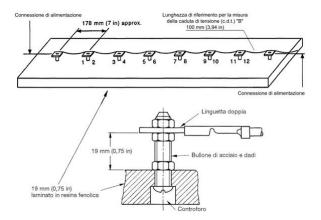
Electrical test

**TEMPERATURE RISE CURRENT LOAD, CYCLIC** According to IEC 760; CEI EN 61210; UL310.





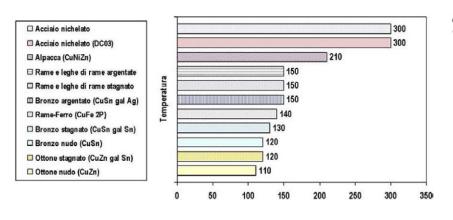


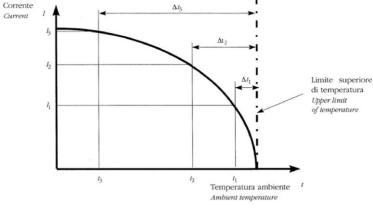


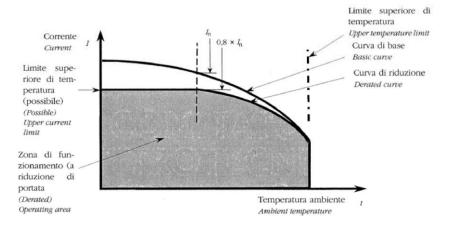


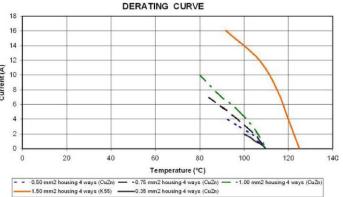
#### Electrical test

# CURRENT-CARRYING CAPACITY TEST/DERATING CURVE According to CEI EN 60512.











Climatic test

RESISTANCE TO HUMIDITY – TEMPERATURE LIFE
RAPID CHANGE OF TEMPERATURE – CLIMATIC SEQUENCE (DRY HEAT, DAMP HEAT, COLD)
According to EN 60335–1, CEI EN 61210; CEI EN 60352; CEI EN 60068.

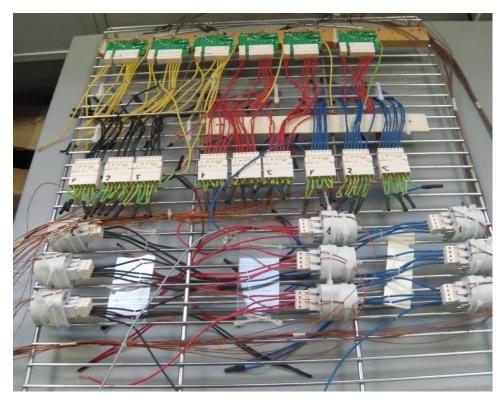


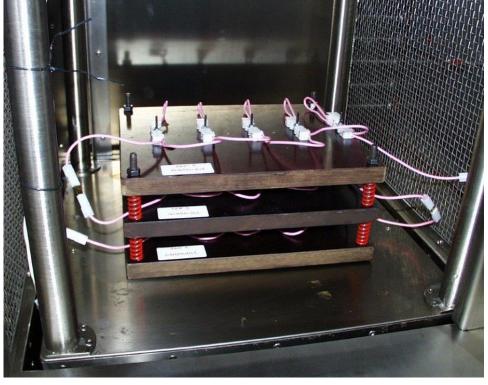




Climatic test

RESISTANCE TO HUMIDITY – TEMPERATURE LIFE
RAPID CHANGE OF TEMPERATURE – CLIMATIC SEQUENCE (DRY HEAT, DAMP HEAT, COLD)
According to EN 60335–1, CEI EN 61210; CEI EN 60352; CEI EN 60068.







Corrosion test

#### **SALT SPRAY TEST**

According to UNI EN ISO 9227.







Surface Treatment Thickness

X-RAY ANALISYS



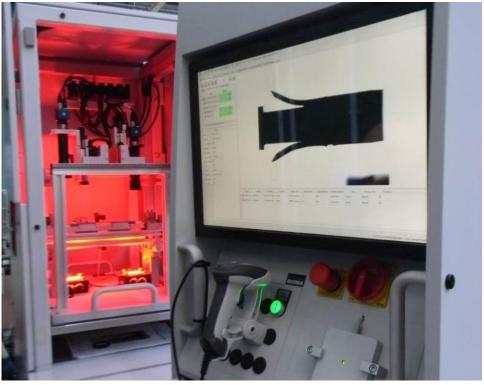




Dimensional Test

OPTICAL PRODUCTION 100% CONTROL







# Thank you.

