



**MEDICAL INSTRUMENTS,
PRODUCTION + TRADING GMBH**
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**DIESELSTRASSE 1
D-84088 NEUFABRN NB**
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Malfunction Coatron X: Power problems

Error description:

Coatron does not switch

Risk of health:

None. System can't be use.

Reason:

Display defect

Wrong power adapter applied (voltage > 5V or false polarity defect)

Origin power adapter defect (no green power LED)

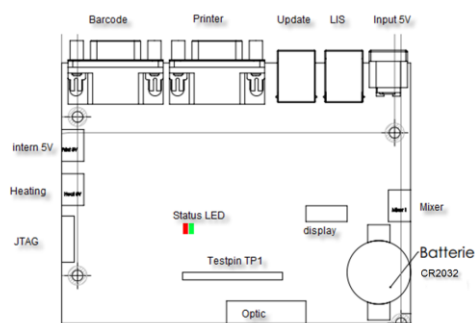
Mainboard defect, electrical shortcuts on mainboard caused by invalid power supply (>5V or reversed polarity)

Recommended service actions:

Check Status LED
REF: 25 006 00 Mainboard

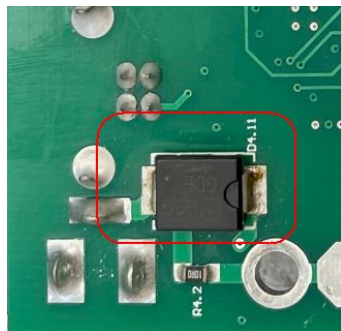
Status LED:

- green, permanent = mainboard OK
- red, permanent = EEPROM error
- green, blink = Battery < 3.0V battery expired
- red, blink = Temp sensor, Optic not connected
- no blink = shortcuts on mainboard or power adapter



Check and correct

REF: 67 015 00 TVS Diode 1SMC5.0AT3G



Measure the electrical resistance of diode. Replace it, if resistance is <100 Ohm.

check power adapter for correct polarity



The cable adapter must be connected arrow to minus

Order information:

25 010 00	Touch-Display, 4,3", TECO
24 005 30	Power supply
25 006 00	Mainboard cpl, tested, with actual Software



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