

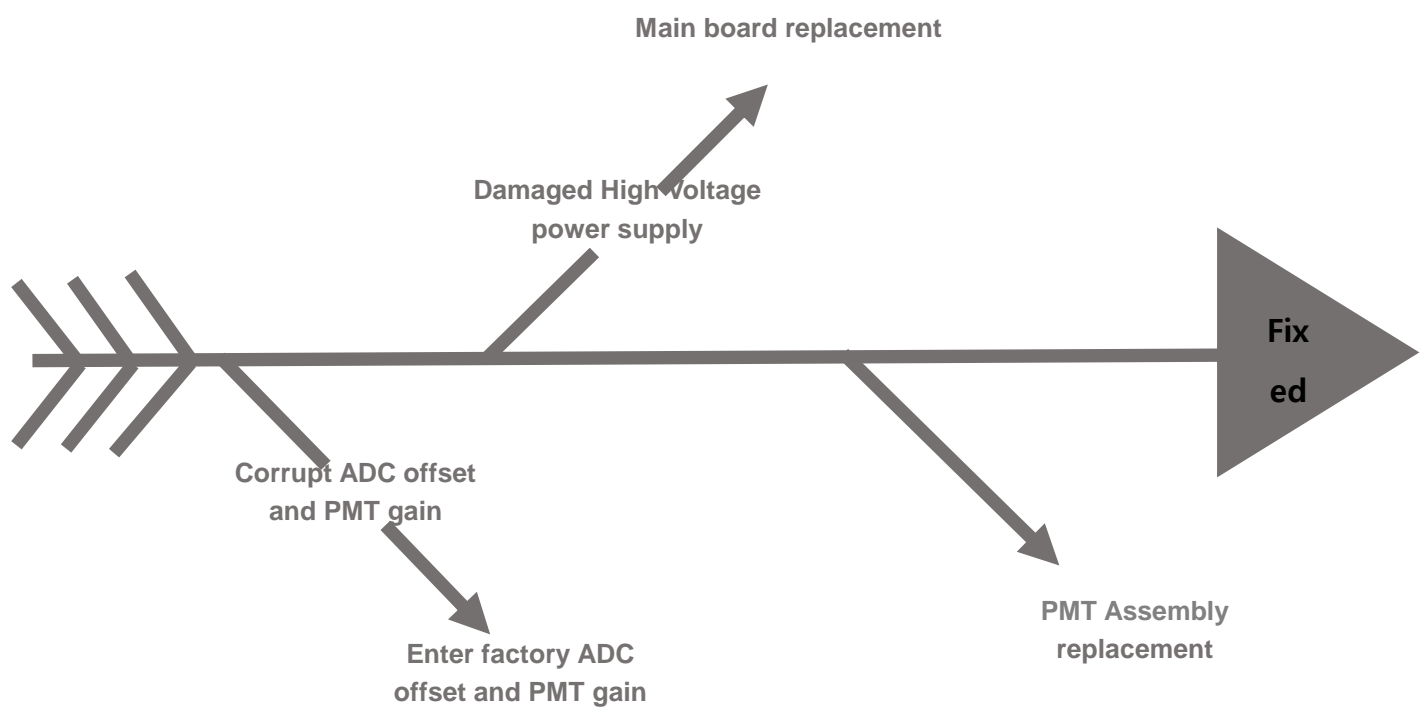
- **Model**

FireCR Dental

- **The Description of the Problem**

White images

- **Fishbone Diagram**



Check the PMT gain and ADC offset in the scanner

If PMT gain value is corrupt or 0, it can't amplify electric signal. It could cause the white images

If PMT gain value corrupt or 0, please send an email to service1@digiray.co.kr.

The screenshot shows a 'Scanner Information' window with two columns: 'Readonly parameters' and 'Editable parameters'. The 'PMT Gain' and 'ADC Offset' values are highlighted with a red box. Below the tables, there are input fields for '0x108' and '0', a 'set register' button, an 'Edit parameters' checkbox, and 'Reset Scanner', 'Save Params', and 'RPM Monitor' buttons. At the bottom, the 'UDI Code' is displayed.

| Readonly parameters | | Editable parameters | |
|------------------------|-------------------|--|--|
| Model | FireCR Dental | Nick | microsdmode |
| H/W | 1.0.0.1 | PMT Gain | 85 |
| B/L | 1.0.1.99 | ADC Offset | -17 |
| APP | 1.0.1.99 | DHCP | Yes |
| PN | | IP address | 192.168.1.171 |
| MAC | 8C:4B:59:11:16:51 | Subnet Mask | 255.255.255.0 |
| Mode | USB Mode | Gate Way | 192.168.1.1 |
| Calibration / Res / IP | Y / HD / None | M/C Str | 128 |
| Temp Main/Front/Laser | 29.1/32.3/33.0 °C | M/C Nor | 17 |
| RPM | 2400 | 0x108 | 0 |
| LPeak | 60009 | <input type="button" value="set register"/> | |
| RPeak | 60010 | <input type="checkbox"/> Edit parameters | |
| RFID | 0 | <input type="button" value="Reset Scanner"/> | <input type="button" value="Save Params"/> |
| Gain(R) | 85 | <input type="button" value="RPM Monitor"/> | |
| Offset(R) | -17 | | |

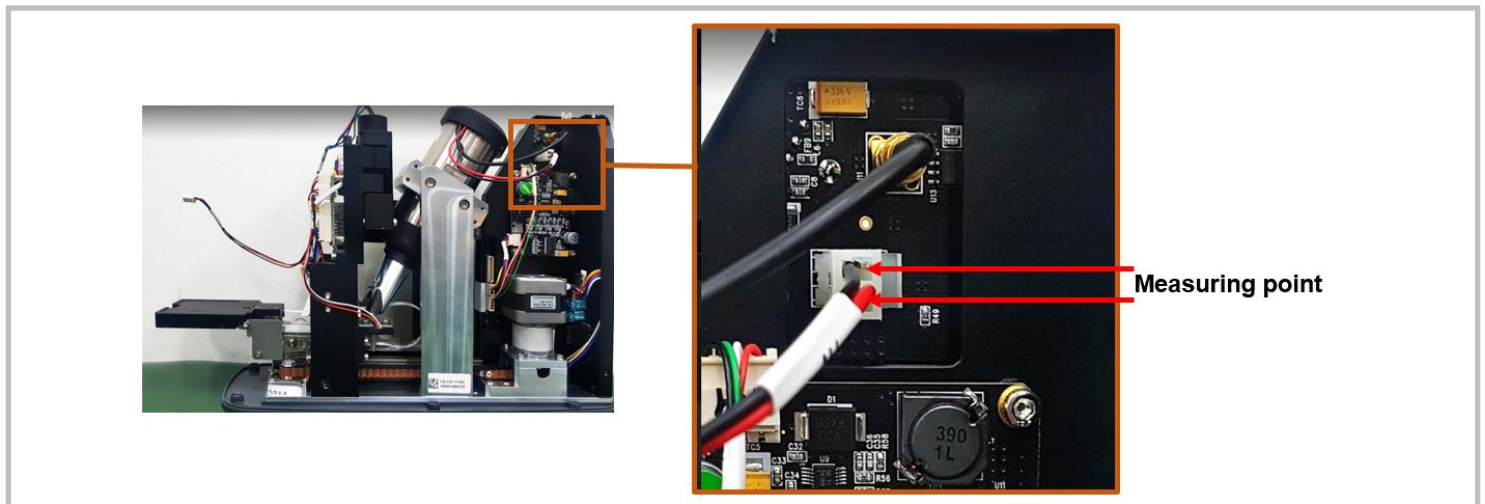
UDI Code : (01)08809466040214(11)180112(10)FR1100AJ(21)113253

Measure the High voltage generator voltage

Measure the voltage DC on a Main board during scanning only.

Measured voltage can be varied depending on the PMT gain value.

- Threshold: $-350 < \text{Measured voltage} < -650$



PMT assembly

Please refer to the FireCR Dental service manual for PMT replacement.

