

### 4.3 Technique Factors

Default values are reported in the tables below for film-screen combination of speed 400. In case of use of receptors with different sensitivity, the technique factors have to be changed accordingly.

- Increase of technique factors lead to darker radiographs.
- Decrease of technique factors lead to lighter radiographs.

Technique Factors		Patient Size		
Anodic Voltage (kV)	Anodic Current (mA)	Child Panoramic	Adult Panoramic & partial views	Adult TMJ & Sinus
61	6.3	Small		
64	6.3	Medium		
67	6.3	Large		
70	6.3	Extra large	Small	Small
* 73	6.3		Medium	Medium
76	6.3		Large	Large
79	6.3		Extra large	Extra large
82	6.3			
85	6.3			

Values of kV and mA are automatically set and indicated on the display upon selection of type of examination and patient size. In case a change is needed the relevant parameter can be corrected on the control panel.

The kV level is related to penetration of X-ray, i.e. the ability to go through the anatomical structures and build the image information: the bigger the patient the higher the kV level has to be.