

# Commodity Description

Model Name	Description	Unit	Quantity
RVG 6200	Intra-Oral Digital Sensor	system	1

## A. Features

1. The film's finest image quality provides
  - a) To distinguish tiny detailed clinical information
  - b) To overcome clinical limits
  - c) Faster than ever-More ergonomic ever
  - d) To help doctors analyze what they do best: treat their patients
2. Remote Control Features
  - a) State of the art technology, highly miniaturized
  - b) Triggers software from the operating area
  - c) Mouse no longer necessary to pre-orientate images
  - d) Moisture resistant for normal use with wet hands
  - e) Easy cleaning
  - f) Helps orientating the image before acquisition
    - Sensor vertical, upper jaw / lower jaw
    - Sensor horizontal left side / right side
3. Positioning Devices Features
  - a) 2 horizontal PA positioners of toothbrush type
  - b) Sensor size 2 only (as an option)
  - c) Multi purposes, angulations of your choice

## B. Specification

1. Technology : CMOS Scintillator OpticalFiber
2. Pixel dimension : 19 $\mu$
3. True(measured) resolution : 24lp/mm
4. Active area : 26.6x35.5 mm
5. Overall dimensions : 32.2x44.2 mm
6. Sensor plate thickness : 7.3 mm
7. Gray scale : 4094 grey levels(12bits)
8. Input Voltage(FromUSB interface) : 5V

## C. Components of Accessory

- |                           |       |
|---------------------------|-------|
| 1. Digital Sensor         | 1EA   |
| 2. Toothbrush Positioning | 1Set  |
| 3. Protective Shield      | 1Box  |
| 4. KDIS SW                | 1Copy |
| 5. DICOM 3.0              | 1Copy |

**D. Remark**

1. Installation and operation should be carried out under the bidder / supplier's responsibility at end user's site.
2. One year warranty service should be provided.
3. Operation manual should be provided.

# Commodity Description

Model Name	Description	Unit	Quantity
CS 2200	Intra-Oral X-ray Unit	system	1

## A. Features

1. User benefits
  - a) Easy manipulation and positioning
  - b) Fast and easy handling
  - c) Precise control of angulations (bisecting technique)
  - d) Smooth integration in practices
2. Very High Frequency technology
  - a) Very High Frequency: 300 kHz
    - elimination of soft X-rays
    - more penetrating X-rays
    - shorter exposure times, with a precision down to the ms
  - b) 0.7mm focal spot (CEI)
  - c) optional rectangular collimator
  - d) choice of intensity : 7 mA / 4 mA
  - e) choice of power : 60 kV / 70 kV
3. User benefits
  - a) patient dose reduction of 25% (compare to the other same kind of conventional equipment)
  - b) longevity of the X-ray tube
  - c) less motion blurring
  - d) sharp images
  - e) X-ray protection and safety
  - f) X-ray unit specifically designed for direct digital radiography
  - g) selection of power according to exam type:
    - 60 kV for endodontics, aries detection, etc.
    - 70 kV for periodontics
4. Scissor arm
  - a) Features
    - Unique oil/air cylinder design(Kodak-Trophy patent)
  - b) User benefits
    - Smooth and precise movement / -Low inertia
    - Stable positioning / Adapts to every practice
      - ① Very light tube head (half weight conventional tube head)
      - ② Ergonomic built-in handle
      - ③ Angulation scale
      - ④ Elegant design

## B. Specification

1. Equipped x-ray generator
  - a) X-ray generator : 300 kHz Output (HighFrequencyDC)
  - b) Degree of protection against electric shocks : Type B
  - c) Rated value of inherent filtration : 1.5 mm (.059") eq. Al
  - d) Rated value of additional filtration : 1.0 mm (.039") eq. Al
  - e) Rated value of total filtration : 2,5 mm (.098") eq. Al
  - f) Beam-limiting cone, focal spot/skin distance : 20 cm (7-7/8 in.)
2. Focal Spot : 0.7 mm (CEI)
3. Tube Voltage / Current : 60 KV, 70 KV / 7mA, 4mA
4. Power supply : 210~240V AC ( 10 %), 50~60 Hz

## C. Consists of

- |                |      |
|----------------|------|
| 1. Generator   | 1EA  |
| 2. Power Cable | 1EA  |
| 3. Scissor arm | 1Set |
| 4. X-ray Timer | 1EA  |
| 5. User Manual | 1EA  |

## D. Remark

1. Installation and operation should be carried out under the bidder / supplier's responsibility at end user's site.
2. Two years (24 months) free warranty service should be provided.
3. Operation manual should be provided.