

X-RAY COILS.

9583. In purchasing a machine there are several meritorious points to be taken into consideration which are possessed only by the Coil shown below. We take pride in stating that this machine is giving perfect and better satisfaction than any other coil we have sold.

The purchaser should not look at a few dollars difference in first cost, but at the difference in outfits and final results. The durability should be taken into consideration. This coil has the reputation for quality. On account of taking a skiagraph in a shorter time than any other coil, it eliminates burns. It is the most powerful coil compared to size on the market; is built on the most scientific plans, and it is impossible to burn out or break down.

The construction of the coil is as follows: The secondaries are built in sections and insulated with a special insulating compound. The core and primary are enclosed in a special heavy mica tube, which is so arranged that the primary can be removed without disarranging any other part, should there be any occasion. It is well known that to do good X-Ray work it requires a heavy, thick spark. The long, thin, blue spark secured from a static machine is not powerful enough for skiagraphic or fluoroscopic work of the chest or pelvis.

These coils work equally as well on the Alternating as on the Direct Currents, with proper interruptors.

The interruptor used on the 110 or 220-volt direct current is run by a motor, causing a thin mercury jet to be thrown against a series of copper segments, insuring perfect contact. The condensers are of mica insulation, which receives its full charge instantly and gives it up entirely, producing more volume in the secondary discharge of the coil. The condensers, which are made sectional in 6, 12, 18, 24 and 30 layers, are placed in the base of the interruptor, and are operated by a switch, so that the operator can throw on as many sections as he thinks necessary to operate the coil successfully.

The Automatic Electrolytic Interruptor is used on the Alternating Current 60, 125 or 133 cycles. The automatic clockwork feeds the German-silver wire into the solution at the same rate the wire is consumed by the action of the solution and current.

As a 12-inch coil is powerful enough for any purpose in general practice, unless it is wanted for quick skiagraphic or hospital work, when we recommend a larger coil, we quote the following outfit, but can furnish same with 16, 18, 20 or 24-inch coils, if desired:

For the Direct Current, 110 volt:

12-inch Coil.....	\$175 00
Mercury Interruptor.....	75 00
Rheostat.....	25 00
Table, as shown.....	25 00
	\$300 00

For the Alternating Current, 104 to 115 volts:

12-inch Coil.....	\$150 00
Electrolytic Interruptor.....	25 00
Table, as shown.....	25 00
	\$200 00

For
Prices
of
X-Ray
Tubes
see
elsewhere.

The Gunde-
lach D or G
Tube is usu-
ally sold.

