

**EDWARDS**  
INSTRUMENT COMPANY  
INDIANAPOLIS, INDIANA

MANUFACTURERS OF

**Dental**  
**X-Ray Apparatus**  
and Accessories.

CATALOG No. 16.

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EDWARDS INSTRUMENT COMPANY,  
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**W**E wish to express our appreciation to the Radiodontists and other prominent members of the dental profession for the opportunities extended us to study dental x-ray requirements. Also for the many helpful suggestions offered, which have been of much aid to us in bringing our Dental X-Ray Machines to the present degree of perfection.

To make a practical x-ray apparatus requires more than technical training. It requires technical knowledge plus EXPERIENCE.

The active members of the Edwards Instrument Company have been engaged in designing, constructing and operating x-ray machines since the early days of the industry and are pioneers in the dental radiographic field.

We are not merely assemblers of parts, but our machines are designed, wound and constructed here at our own plant. Nor, with us, is this business only a side line in a small department of a factory engaged mainly in the manufacture of other things. Our sole business and our entire factory is devoted to the manufacture of X-Ray Apparatus, Electro-Medical Apparatus and Accessories.

Our machines are practically hand-made. We have never adopted the use of a machine for making any part that could be made better by hand. Our coils are wound by women carefully trained in the work. Every inch of the miles of wire used in a machine pass their eyes and between their sensitive fingers, trained to detect defective insulation and other flaws. Experience has proven that women are more skillful than men for this delicate work.

From the winders the coils go to the drying ovens, then to wax tanks, and while submerged in this special wax compound at a high temperature, vacuum pumps are used to exhaust every bit of air and moisture, the wax being pressed in until every particle of the winding is thoroughly impregnated. This is the best method of insulation known to electrical engineering science.

The time and expense of this process is considerably more than merely dipping coils in hot wax. We believe, however, the best way is the cheapest way in the end. THIS IS ONE OF THE REASONS WE CAN AND DO GUARANTEE OUR MACHINES FOR FIVE YEARS.

Illustrations, Description and Prices of  
**No. 5-D AND No. 10-D**  
**PERFECTED DENTAL X-RAY APPARATUS**

*(Modern Induction Coil Type.)*

*GUARANTEED FIVE YEARS.*

MANUFACTURED BY

**EDWARDS**  
**INSTRUMENT COMPANY**  
**INDIANAPOLIS, INDIANA.**

FACTORY AND GENERAL OFFICES,

968 FORT WAYNE AVENUE,  
INDIANAPOLIS.

*AGENCIES IN ALL PRINCIPAL CITIES.*

**NOTE.**

The several illustrations shown in this Bulletin apply to both the No. 5-D and the No. 10-D Machines. The outward appearance and general construction of these two machines are the same.

The difference between the two is in the power, due to the size and amount of wire, etc., used in construction. No. 10-D Machine has more than double the power of No. 5-D.

## Description No. 5-D and No. 10-D Machines.

**CABINET (Style and Finish.)** The illustrations show our No. 5-D and No. 10-D mounted in our standard style cabinet. We recommend this cabinet as being well balanced, neat and attractive in design. Mounted on smooth rolling casters and can be easily moved about with one hand.

We are also prepared to furnish these machines in a tall, slender style, requiring floor space only 18 inches square. When no floor space at all is available we furnish the coil in a wall bracket box to fasten up out of the way and the marble switch board separate for convenient location.

The machine can be placed in the laboratory or other room and the x-ray wires brought out over head into the operating room. The machine can be operated from any distance by means of hand or foot extension switch. The tube stand and protective screen can be furnished attached to cabinet or separate, as desired.

Our standard cabinets are select quarter-sawed oak, of a rich, dark golden, piano finish. Genuine mahogany and white enamel are also carried in stock. Any finish desired will be furnished to order.

**NO VALVE TUBE.** From an electrical engineering standpoint the Edwards Machines are correctly designed. Being correctly designed and constructed, no specially designed x-ray tube or separate valve tube is required.

This feature not only reduces tube expense, but makes the operation of the machine much simpler by not having to watch and regulate the vacuum in an extra tube.

**FIVE YEAR GUARANTEE.** Being correctly designed, thoroughly insulated and properly constructed of the highest grade material, all Edwards X-Ray Apparatus are guaranteed for five years. There is no reason to believe but what they will last a life time.

### No. 5-D Machine.

With the exception of our No. 10-D we do not believe there is an induction coil made—regardless of price—having power equal to our No. 5-D. This machine fully meets every requirement. Only a few seconds exposure is required for even the heaviest sinus pictures. Teeth pictures can be made with an exposure of one second or less, if desired.

### No. 10-D Machine.

This machine is designed to fully meet the requirements of specialists in dental radiography, who wish a machine of extraordinary power. We unhesitatingly claim our No. 10-D machine to be the most powerful coil made. It generates all the x-ray current the x-ray tube will stand. It makes splendid pictures in a single flash or a fraction of a second exposure.

This machine is equal in power to many of the larger transformer type machines which sell for two and three times the price. Then, too, owing to the small floor space required, the entire absence of moving parts and practically noiseless operation, it is, for direct current especially, much preferable to the bulky, noisy and expensive Transformer type machine.



Fig. 510-D.

Floor space, 17x30 inches. Height, 57 inches. (Mounted on easy rolling casters.)

<i>Code Word.</i>			
<i>Fid.</i>	Price.	No. 5-D Machine, for direct current	\$250.00
<i>Fida.</i>	Price.	No. 5-D Machine, for alternating current	280.00
<i>Ted.</i>	Price.	No. 10-D Machine, for direct current	350.00
<i>Toda.</i>	Price.	No. 10-D Machine, for alternating current	395.00

White Enamel, \$10.00 additional.  
Genuine Mahogany, \$15.00 additional.

Showing No. 2 Tube Stand Attached to Cabinet in Position for Use.



Fig. 511-D.

Floor Space, 17x30 inches. Height, 67 inches.

<i>Fidtu.</i>	Price.	No. 5-D Machine, including No. 2 Tube Stand attached, for direct current	\$295.00
<i>Fidatu.</i>	Price.	No. 5-D Machine, including No. 2 Tube Stand attached, for alternating current	325.00
<i>Tedtu.</i>	Price.	No. 10-D Machine, including No. 2 Tube Stand attached, for direct current	395.00
<i>Tedatu.</i>	Price.	No. 10-D Machine, including No. 2 Tube Stand attached, for alternating current	440.00

Note: The X-Ray tube and meter are not included in foregoing prices.  
 To include No. 3 (counterweighted) Tube Stand instead of No. 2, as shown, add \$45.00.  
 To include No. 1 Tube Stand instead of No. 2, deduct \$30.00.

Showing tube carrying arm swung over the cabinet and out of the way when not in use.



Fig. 512-D.

Floor space, 17x30 inches. Total height, 67 inches.

		<b>Milliammeter (0 to 50 Milliamperes.)</b>	
<i>Code Word.</i>			
<i>Milray.</i>	Price		\$30.00
<b>X-Ray Tubes (for Induction Coils and Transformers.)</b>			
<i>Code Word.</i>			
<i>Plixocot.</i>	Price.	6 inch, Platinum target x-ray tube	\$20.00
<i>Plencot.</i>	Price.	7 inch, Platinum target x-ray tube.	25.00
<i>Tuniscot.</i>	Price.	6 inch, Tungsten target x-ray tube.	30.00
<i>Tunencot.</i>	Price.	7 inch, Tungsten target x-ray tube.	35.00

We recommend the Tungsten Target Tube. It will ordinarily outlast several platinum target tubes. The 6 inch is large enough, unless frequent exposures at very short intervals are made. The 7 inch is better for No. 10-D machine.

Showing No. 2 Tube Stand and lead lined Protective Screen attached to cabinet in position for use.  
The operator stands behind the screen at the switch and is entirely protected from the rays.

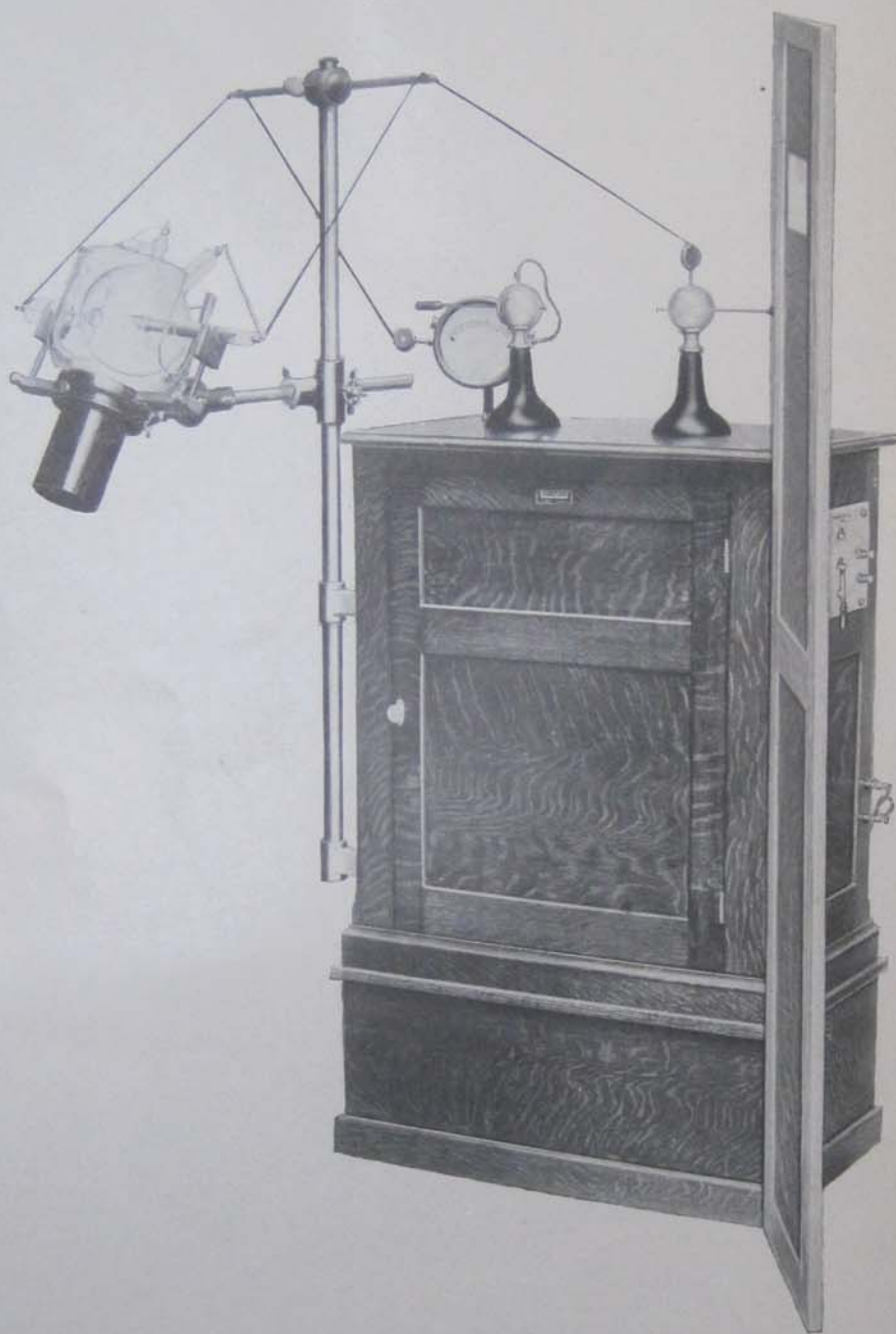


Fig. 513-D.

Floor space, 17x30 inches. Total height, 74 inches.  
Screen, 6 feet 2 inches high, 28 inches wide.

<i>Code Word.</i>	<i>Price.</i>	No. 5-D Machine, including No. 2 tube stand and lead screen attached, for direct current	\$330.00
<i>Fidtureen.</i>	<i>Price.</i>	No. 5-D Machine, including No. 2 tube stand and lead screen attached, for alternating current	360.00
<i>Fidatureen.</i>	<i>Price.</i>	No. 10-D Machine, including No. 2 tube stand and lead screen attached, for direct current	430.00
<i>Tedtureen.</i>	<i>Price.</i>	No. 10-D Machine, including No. 2 tube stand and lead screen attached, for alternating current	475.00
<i>Tedatureen.</i>	<i>Price.</i>	Note. The X-Ray tube and meter are not included in above prices.	



Showing how the tube is swung above and the screen is folded to the front of cabinet, protecting the tube when not in use. The complete outfit occupies practically no more floor space than the cabinet alone.

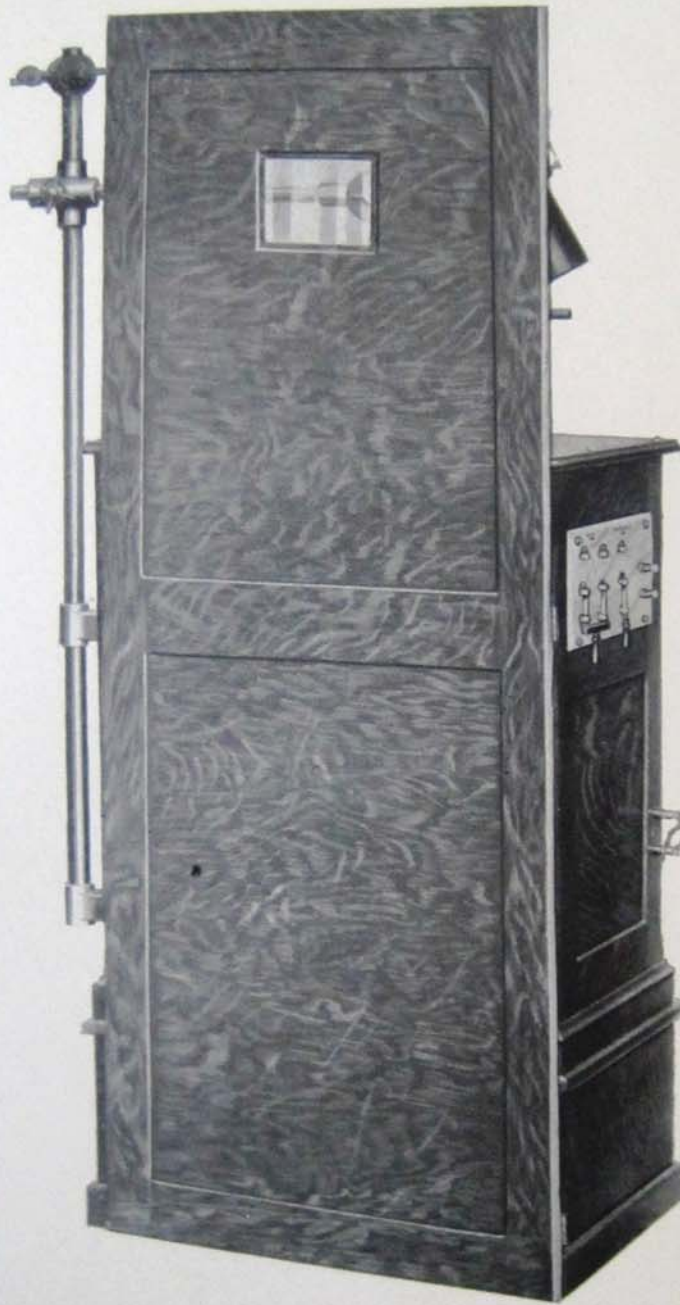


Fig. 514-D.

Floor space, 17x30 inches. Total height, 74 inches.

To include No. 3 (counterweighted) tube stand instead of No. 2, as shown, add \$45.00.

To include No. 1 tube stand instead of No. 2, as shown, deduct \$30.00.

### Daylight Developing Outfit.

Complete your x-ray equipment with Edwards Daylight Developing Outfit. No knowledge of photography necessary. You will get better pictures and save the time and expense of sending the films or plates to a photographer to be developed. See illustrations, description and price, page 2, bulletin 16-D-F.

Illustrations, Description and Price

No. 6-D Special  
Dental  
X-Ray Apparatus.

*GUARANTEED FIVE YEARS.*

MANUFACTURED BY

**EDWARDS**  
INSTRUMENT COMPANY  
INDIANAPOLIS, INDIANA.

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Fig. 616-D.

Floor space, 17x30 inches. Height, 57 inches.  
(Mounted on easy rolling casters.)

Code Word.

<i>Dix.</i>	Price. Machine complete, as illustrated, for 110 volt, alternating current . . .	\$250.00
<i>Dixtu.</i>	Price. Machine with No. 2 tube stand attached. . . . .	295.00
<i>Dixtuld.</i>	Price. Machine with No. 2 tube stand and lead screen attached . . . . .	330.00
	Note. To operate this machine on direct current a Rotary Converter is required, price of same, mounted in the cabinet . . . . .	100.00

For No. 1 tube stand instead of No. 2, deduct . . . . . 30.00

For No. 3 tube stand, instead of No. 2, add . . . . . 45.00

See price high frequency x-ray tube, page 4, Bulletin No. 16 D-F.

For description and price Daylight Developing Outfit, see page 2, Bulletin No. 16 D-F.

## Description of No. 6-D Special Machine.

The Edwards No. 6-D Special is a powerful and efficient x-ray apparatus, especially designed and recommended for use on alternating current. It will make teeth pictures in as short exposure as one second.

No motor nor interrupter is required with this machine. There being no moving parts, it is perfectly silent in operation.

This is a very easy machine to operate. Once adjusted, all that is necessary is to throw the "On" and "Off" switch.

In construction, this machine is quite different from the ordinary high frequency x-ray machines sold, most having only a single Tesla coil. For maximum power and durability we use two Tesla coils in this machine; in fact, it is double construction throughout. We do not believe there is any other make of high frequency x-ray machine, regardless of price, that has as much or as expensive material used in the construction.

Only the highest grade material and workmanship are used in building this machine. It is guaranteed for five years and should last a life time.

### Violet Ray Current.

In addition to the powerful x-ray current, the finest kind of Violet High Frequency Ray current is obtainable. The regulation of this current is perfect from zero to maximum. This feature adds special value to the machine, as this most valuable electrical current is now being used extensively by dentists as well as by physicians.

### Combination Dentist and Physician Machine.

Quite frequently a dentist and physician with offices together, desire to get an x-ray outfit together. The Edwards No. 6-D Special is especially suited for this purpose. It is sufficiently powerful for heavy radiographic work, such as hip, lumbar vertebra, etc. For only twenty-five dollars extra we put in additional windings, so that the physician may obtain every therapeutic current and modality, including auto-condensation and diatherma, in full volume.

### Cabinet, Style and Finish.

The cabinet of this machine is well balanced, neat and attractive. The cabinet work and material is the best. Unless otherwise specified select quarter-sawed oak in rich, dark golden, piano finish is furnished. Genuine mahogany and white enamel also carried in stock. Any finish will be furnished to order. Mahogany, \$15.00 extra. White Enamel, \$10.00 extra.

### Tube Stand and Protective Screen Attached.

Any of our X-Ray Tube Stands, also the Lead Protective Screen, may be attached to the cabinet of the No. 6-D Special machine the same as to No. 5-D and No. 10-D machines, illustrated in Bulletin No. 16-D-A.

Illustrations, Description and Price

# Radio-Special "D" Dental X-Ray Apparatus.

*GUARANTEED FIVE YEARS.*

MANUFACTURED BY

**EDWARDS**  
**INSTRUMENT COMPANY**  
**INDIANAPOLIS, INDIANA.**

FACTORY AND GENERAL OFFICES,

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INDIANAPOLIS.

*AGENCIES IN ALL PRINCIPAL CITIES.*

This is a powerful machine of the Tesla Double High Frequency Coil type designed especially for alternating current, but may be operated on direct current by using a Rotary Converter. It has a spark length of twelve inches and will make teeth pictures in as short exposure as one second.

The machine is built in separate units, which are connected together when in use. These units may be placed together on a cabinet or conveniently on a stand or wall bracket. Where no space at all is available, the units can be closed and removed to another room when not in use.

This is an especially convenient machine for dentist and physician to buy together. It is amply powerful for the physician to make good pictures, including heavy adult hip, in short exposures. The Violet Ray High Frequency current for dentist's and physician's use is also obtained from this outfit. For only fifty dollars additional there will be included a third unit containing the winding for Auto-Condensation and Diatherma. With these two electrical currents, physicians are having remarkable success.

Showing Radio-Special Units assembled on cabinet with No. 1 Tube Stand, X-Ray Tube and tube shield, ready for use. (Note: The illustration shows the three units.) For dental work only two are needed, the two unit box lids being used in place of the third or back unit. When assembled on cabinet they fit together neatly, and the appearance is the same as shown.



Fig. 702.

Floor space of cabinet, 17x30 inches. Height, 58 inches. Floor space of tube stand, 19 inches.  
(Mounted on easy rolling casters.)

Code Word.

*Rading.* Price. Complete for alternating current and ready for Dental x-ray work,  
including the x-ray machine in two units, the cabinet, the x-ray  
tube, tube shield and the tube stand . . . . . \$273.00

Note: At same price tube stand will be attached to cabinet when so ordered.

Showing how the units may be placed separately on a stand or fastened to the wall or dental cabinet. Only a small amount of space is required. The operator may stand behind, several feet away from tube, out of range of the rays.

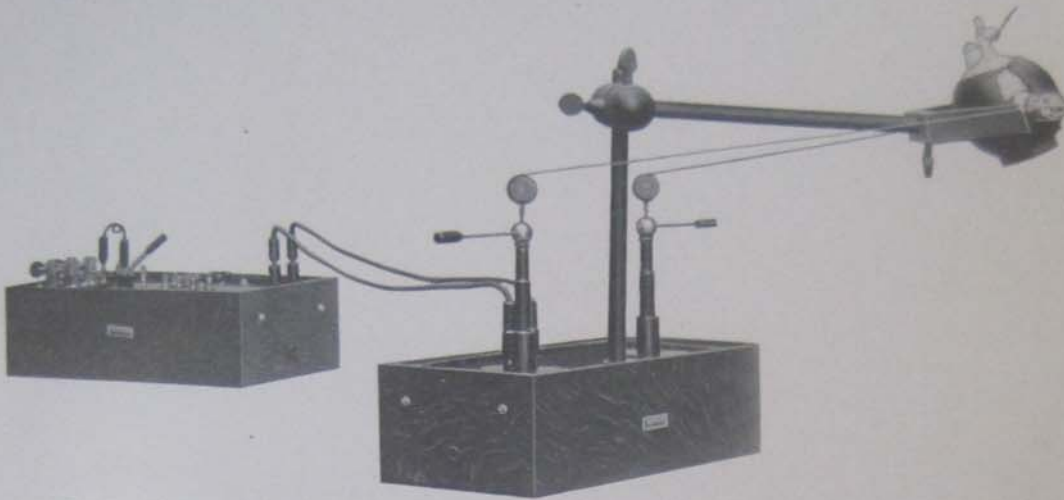


Fig. 703.

Dimensions each unit, 22x10x7 inches.

Code Word.

*Rader.*

Price. Complete as shown, for alternating current, including the x-ray tube, tube shield and portable detachable tube holder . . . . . \$232.50

Lids and webb straps are furnished with each unit, so that it may be closed and easily carried from the office or placed out of the way when not in use.

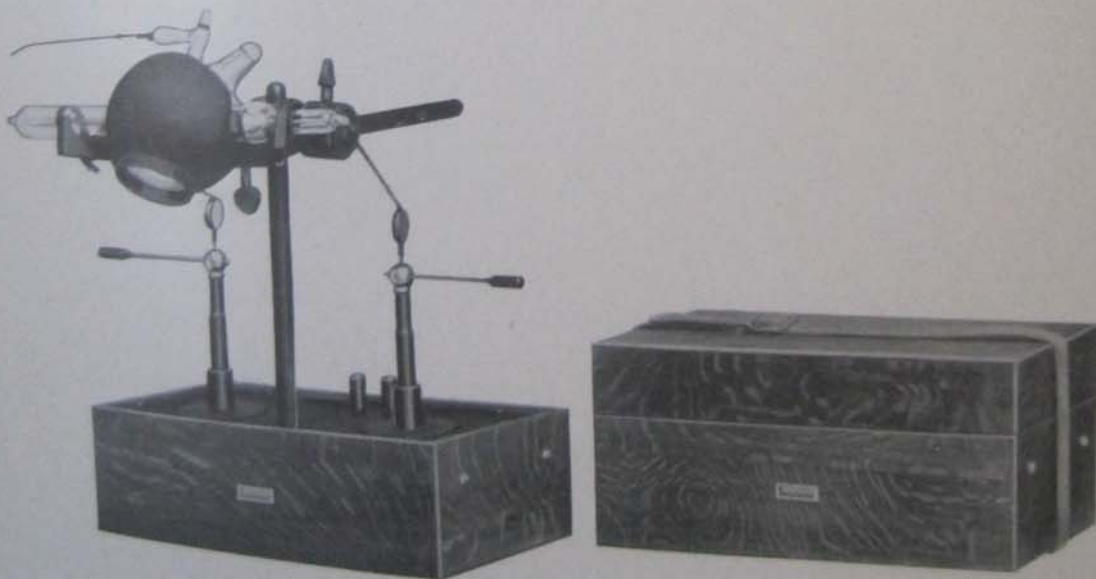


Fig. 704.

Code word.

*Rade.*

Price of the two x-ray machine units only (for alternating current) and not including x-ray tube, shield and tube holder . . . . . \$200.00

Illustrations, Description and Price

**No. 4-D Special  
Dental  
X-Ray Apparatus.**

*GUARANTEED FIVE YEARS.*

MANUFACTURED BY

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**INSTRUMENT COMPANY**  
**INDIANAPOLIS, INDIANA.**

FACTORY AND GENERAL OFFICES,  
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### Description No. 4-D Special Machine.

The Edwards No. 4-D Special machine is designed and especially recommended for use on alternating current. A Rotary Converter is necessary when used on direct current.

It is a Tesla Double Coil type machine and very powerful. It will make teeth pictures in as short exposure as one second.

This machine is very simple to operate. Once adjusted to the supply current, all that is necessary to operate it is to throw the "On" and "Off" switch. There are no moving parts and no noise. There is nothing whatever about it requiring attention or liable to get out of order.

This machine should not be confused or classed with any other make of machine of similar style and appearance. More material is used in the construction of this machine, it weighs more and is much larger and more powerful than any machine of the type made.

This machine is especially well suited to the needs of dentist and physician who desire to buy an outfit together. The Violet High Frequency Ray treatment current is obtainable without extra cost. The Auto-Condensation, Diatherma and other high frequency modalities used by physicians may be obtained by means of an attachment at \$30.00 additional.

**CONSTRUCTION AND FINISH.** Only the best grade of material is used in this, the same as in all Edwards machines. The cabinet is select quarter-sawed oak, rich, dark golden, piano finish. Genuine mahogany, white enamel or any other finish furnished when specified.

**MACHINE AND CABINET SEPARATE.** We recommend the machine with cabinet to match, as the combination makes an attractive outfit. Where no floor space is available, the machine without the cabinet may be placed on a wall bracket.

View of the machine on cabinet to match. The lid of machine case raised and secondary terminal hard rubber posts in position, ready for use.



Fig. 400.

Floor space, 17x30 inches. Height, 54 inches.  
 Dimensions machine without cabinet, 28x14x10 inches.  
 Weight of machine, 95 pounds.

<i>Code Word.</i>		
<i>Fording.</i>	Price. As illustrated, except treatment electrodes	\$215.00
	Mahogany, \$15.00 extra. White enamel, \$10.00 extra.	
<i>Ford.</i>	Price. Machine without the cabinet	185.00
	Mahogany, \$5.00 extra. White enamel, \$3.00 extra.	
	Treatment electrodes, 75c to \$1.50 each.	
<i>Note.</i>	Tube stand can be attached to cabinet same as in illustration of other Edwards machines. For price of x-ray tube, tube stand, etc., see Bulletins 16-D-F and 16-D-G.	

Illustration of Edwards No. 4-D Special Machine and cabinet, showing how dust-tight lid may be closed down when machine is not in use.



Fig. 401.

Floor space, 17x30 inches. Height, 43 inches.

Illustrations, Description and Price

No. 3-D  
DENTAL  
X-RAY APPARATUS.

*GUARANTEED FIVE YEARS.*

MANUFACTURED BY

**EDWARDS**  
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INDIANAPOLIS,

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## Description No. 3-D Dental X-Ray Machine.

The Edwards No. 3-D Dental X-Ray machine represents the MAXIMUM efficiency, convenience, simplicity and durability obtainable at the MINIMUM price. We know of no other machine with equal efficiency that sells at so low a price. We do know of some not as large and less efficient that sell at a considerably higher price.

It is not to be supposed that this No. 3-D machine is as powerful as our higher priced machines. It is, however, capable of making good x-ray pictures of the teeth in a reasonably short exposure even with slow films. We do not recommend this machine for sinus and antrum work, although it is quite capable of making good x-ray pictures of the antrum.

The No. 3-D machine is for use on alternating current. When used on direct current a rotary converter (price \$75.00) is required.

This machine is recommended to the dentist who has alternating current and who, at the minimum expense, wishes to avail himself of the advantages of the x-rays in dentistry.

## Violet High Frequency Rays.

In addition to the x-ray current the No. 3-D machine generates the Violet High Frequency Rays, now being used extensively to stimulate a permanent hyperemia or better circulation in the gums. This treatment current is also used with marked success by the medical profession. This feature, together with the fact that the x-ray current is of sufficient power to make good bone pictures of any part of the body, makes this machine well suited for the requirements of both dentist and physician should they wish to purchase an outfit together.

MATERIAL AND WORKMANSHIP is of the same high quality as used in our more expensive machines. The wood work is select quarter-sawed oak, rich dark golden, piano finish. Genuine mahogany, white enamel or any other finish furnished to order.

## No. 3-D OUTFIT READY FOR USE.

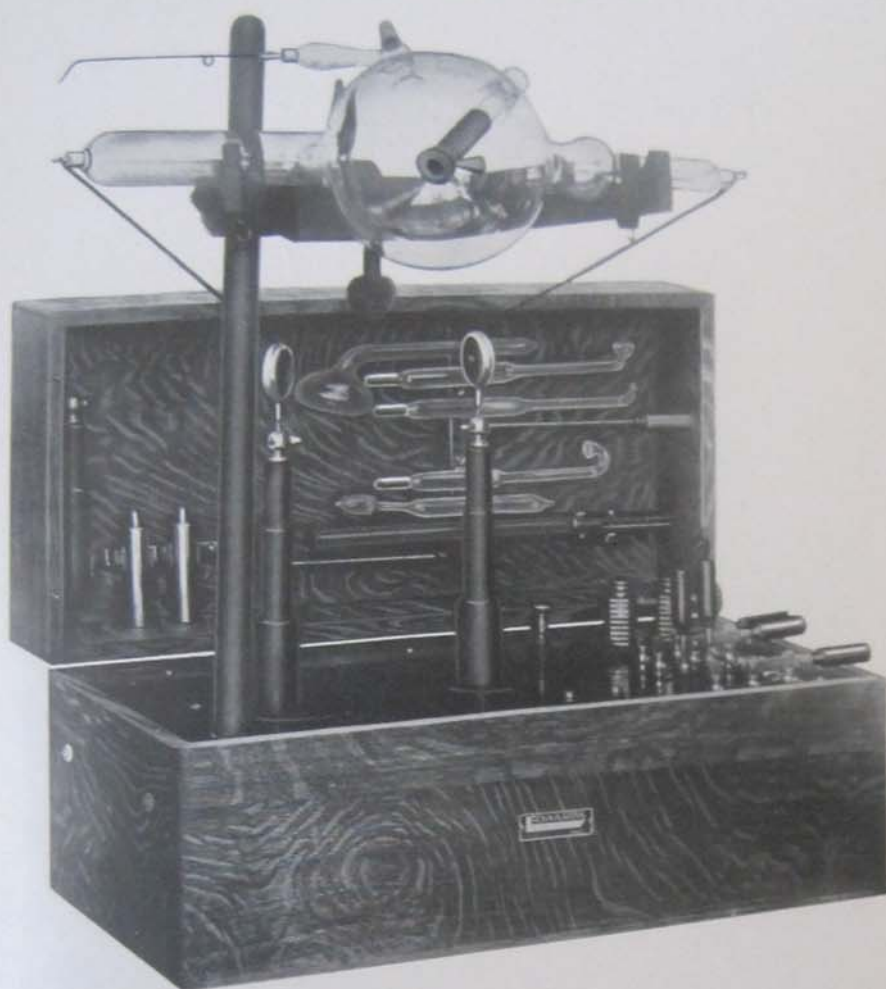


Fig. 300-D.

Size of case closed, 11 x 11 x 22 inches. Weight, 50 pounds.

This illustrates the three things necessary for dental x-ray work, i. e., the X-Ray Machine, X-Ray Tube and Tube Holder. The machine may be operated with foot, hand or wall switch, so the operator may stand far enough behind the tube to be out of all danger from the rays, resulting from a moderate amount of use. The addition of a Tube Shield (\$8.00) affords ample protection except when the machine is used many times daily, in which case the operator should stand behind a lead lined shield.

This machine may be placed conveniently on a stand or fastened to the wall. Five foot self-winding x-ray tape reels are furnished, so that either of the floor tube stands may be used if desired.

Code Word.

*Ted.*

Price. No. 3-D Machine, without accessories, for alternating current . . . \$125.00

*Teddy.*

Price. No. 3-D Machine, including Portable Tube Holder and X-Ray Tube, as shown (except treatment electrodes) . . . . . 149.50

Genuine mahogany, \$5.00 extra. White enamel, \$2.50 extra.  
Treatment electrodes, 75 cents to \$1.50 each extra.

Illustrating No. 3-D machine with lid closed and on cabinet to match.



Fig. 101.

Floor space, 17x30 inches. Height, 47 inches.  
(Mounted on easy rolling casters.)

Tube Stand may be attached to cabinet if desired.

Code Word.  
Placab.

Price of cabinet for No. 3-D machine ..... \$25.00

Genuine mahogany, \$10.00 extra. White enamel, \$7.00 extra.

Illustrations, Description and Price

DAYLIGHT  
DEVELOPING OUTFIT.  
X-RAY TUBES.  
MILLIAMPEREMETERS.

**EDWARDS**  
INSTRUMENT COMPANY  
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### THREE VIEWS OF EDWARDS DAYLIGHT DEVELOPING OUTFIT.



Fig. 1.

Size, 28x15x13 inches.

When closed, the cabinet is dust tight and makes an attractive piece of furniture. The design is neat, the wood and finish is of the same high grade and in harmony with the cabinet of our machines.



Fig. 2.

**INTERIOR VIEW.** The rack of trays are used when developing x-ray plates up to 8x10 inch size. This rack of trays can be removed, if desired, when small films only are to be developed, the glasses only being used for films.



Fig. 3.

This view shows how the hands are inserted through the sleeves of the light proof curtain. The hands may be removed as soon as the films are placed in the developing glasses. In five minutes again insert hands and transfer films to the other glasses containing the fixing solution. In five minutes more the films are fixed and ready for examination.

The actual time devoted to the developing is less than two minutes. This can be done by the office girl.

If the exposure was made in accordance to the exposure table we furnish with each machine, the films will be correctly developed and at a cost of less than one cent. Total cost of electricity used, developing chemicals and films will not exceed five cents.

To send films and plates to a photographer is unsatisfactory. It costs more and you cannot depend on getting them developed promptly when needed. What is more, the work is usually very poorly done, due to the photographer developing as he would an ordinary portrait plate. An x-ray film or plate requires different chemicals and different technique.

**NO KNOWLEDGE OF PHOTOGRAPHY NECESSARY.** *We are the originators of the Daylight Developing Outfit* in connection with x-ray work. The Edwards outfit was the first one ever listed and sold for this purpose. To use our outfit requires no knowledge whatever of photography.

The Edwards outfit is the most *convenient, complete and best* made. It is more than a mere box. It is a complete Developing Outfit ready for immediate use. *No extras to buy.* The tray rack, trays, developing glasses, stirring rod, thermometer, graduates, supply of developing and fixing chemicals ready to mix with water into stock solutions, bottles for stock solutions, lead box for films and one dozen pair films are included.

Code Word.

*Delight.* Price. Complete ..... \$30.00

## MILLIAMPEREMETERS. (FOR MEASURING X-RAY CURRENT.)



Fig. 6.

The use of a meter does not add in the least to the efficiency of the x-ray current, therefore is not an actual necessity. It is, however, a decided convenience, especially with our powerful type machines, as it enables the operator to know the exact exposure to give in each case regardless of variation in line voltage. We furnish an exposure table for use both with and without meter.

Our Type X meter, as illustrated, is standard size and nicely finished. It has the best jewelled movement and is guaranteed accurate. The dial is six inches in diameter and has a double scale reading 0 to 10 and 0 to 50.

Our Type M meter is accurate, but is smaller and has only a single scale.

Code Word. Price. Type X Milliamperemeter ..... \$30.00  
*Milray.* Price. Type X Milliamperemeter ..... 17.50  
*Milage.* Price. Type M Milliamperemeter .....

## X-RAY TUBE FOR INDUCTION COILS AND TRANSFORMERS.

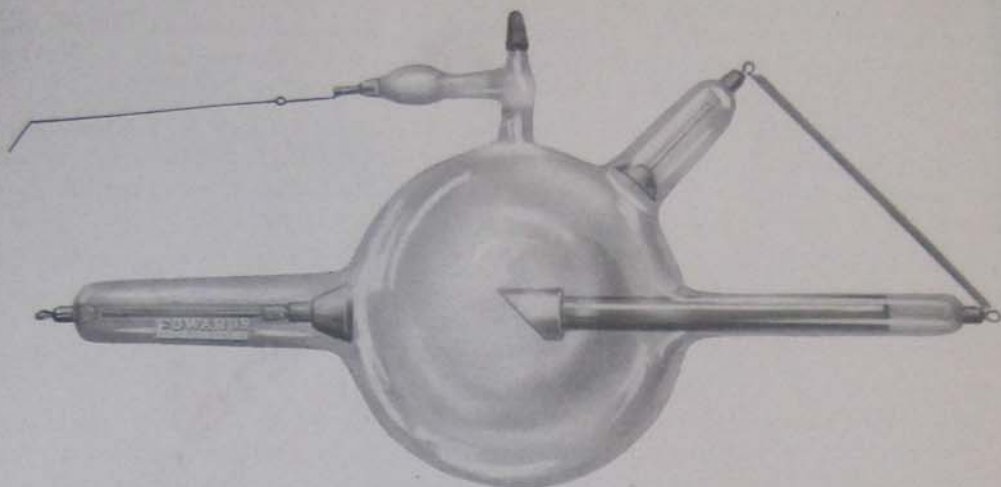


Fig. 4.

Code Word.			
<i>Plixcotu.</i>	Price.	6 inch, Platinum target, x-ray tube .....	\$20.00
<i>Plencotu.</i>	Price.	7 inch, Platinum target, x-ray tube .....	25.00
<i>Tunicotu.</i>	Price.	6 inch, Tungsten target, x-ray tube .....	30.00
<i>Tunencotu.</i>	Price.	7 inch, Tungsten target, x-ray tube .....	35.00

## X-RAY TUBE FOR HIGH FREQUENCY TYPE X-RAY MACHINES.

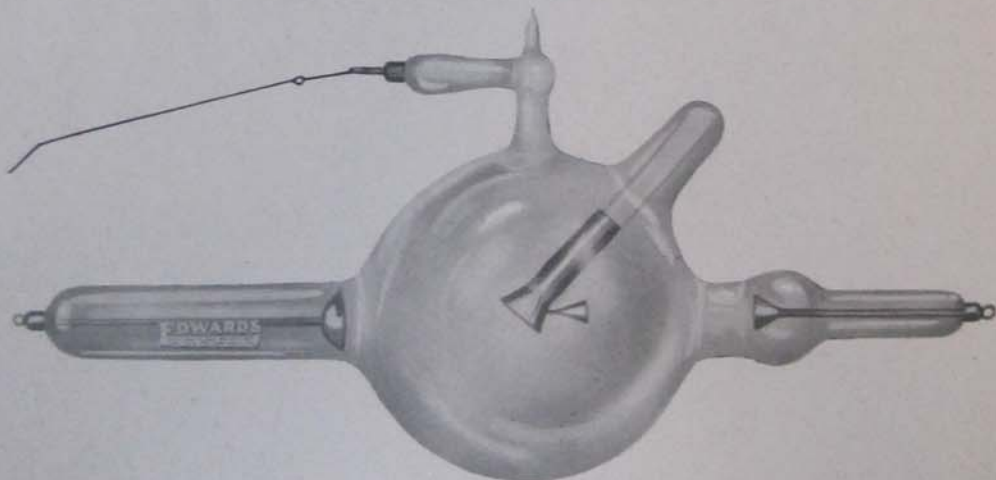


Fig. 5.

Code Word.			
<i>Plixhitu.</i>	Price.	6 inch, Platinum target. ....	\$20.00
<i>Plenhitu.</i>	Price.	7 inch, Platinum target. ....	25.00
<i>Tunixhitu.</i>	Price.	6 inch, Tungsten target. ....	30.00
<i>Tunenhitu.</i>	Price.	7 inch, Tungsten target. ....	35.00

Our x-ray tubes are standard type of the latest design. They are properly focused and exhausted to the correct degree of vacuum, have splendid penetration and produce plates and films rich in detail. Our tubes can be used with any make of machine that does not require a special type x-ray tube.

Standard type x-ray tubes are used with all Edwards x-ray apparatus. We suggest, however, that our tubes be used to be sure of right vacuum and focus for penetration and good detail. The price is no higher than for less efficient tubes.

Edwards No. 2 Dental X-Ray Tube Stand.

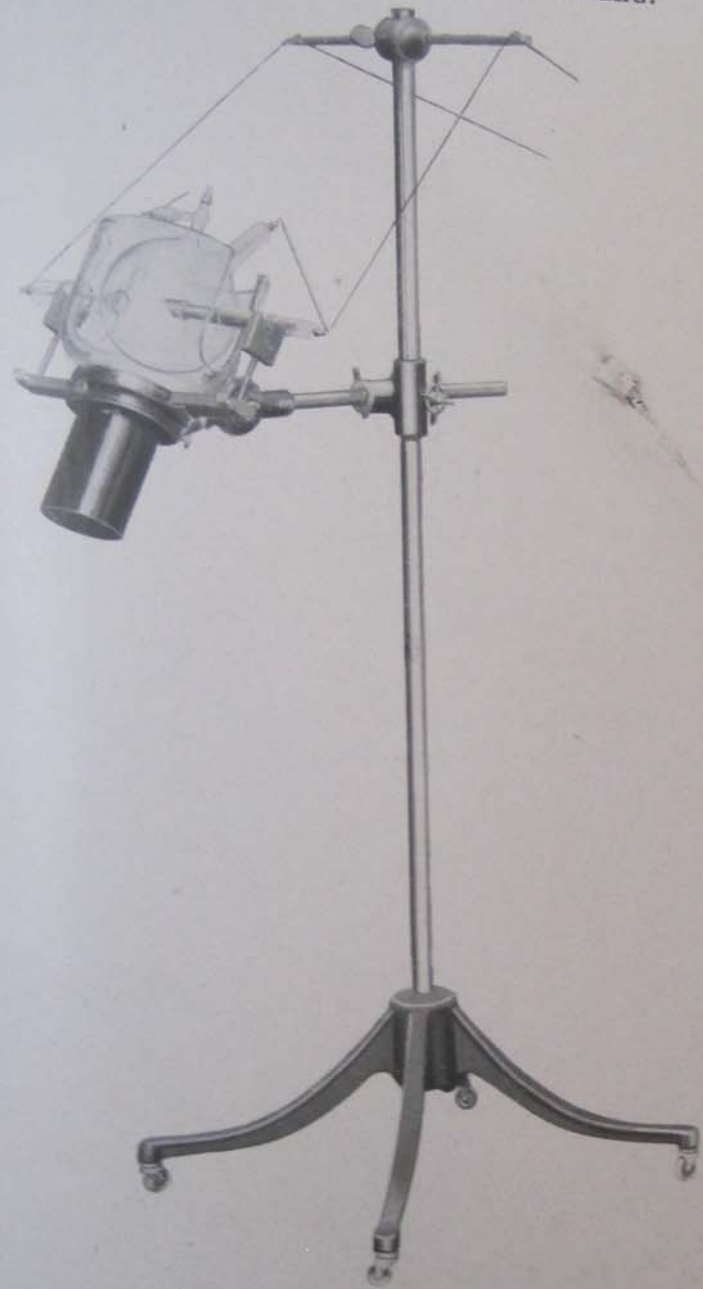


Fig. 9.

This Tube Stand is well made and nicely finished. Adjustments are easily made for holding the tube at any angle. The lead glass bowl is extra thick and impenetrable to rays. The funnel is insulated at the end and may be placed in contact with the skin without danger of sparks or shock.

Code Word.

*Tustan.* Price. Either mounted on separate base or attached to the cabinet of machine, as desired ..... \$45.00

No. 3 Dental X-Ray Tube Stand.

The No. 3 Tube Stand has all the features of the No. 2. In addition, it is counterweighted so that the tube support is balanced and can be moved up or down by a slight touch.

Code Word.

*Thestan.* Price ..... \$90.00

### No. 1 Dental X-Ray Tube Stand.

This Tube Stand is neat, rigid and well made. It takes very little floor space and weighs only a few pounds. It can be lifted or moved about with one hand.

The x-ray tube is supported at both ends, so there is no strain when the rather heavy lead impregnated rubber tube shield is used. Adjustments are easily and quickly made for supporting the tube at any angle desired. The base and upright are metal, the spreader, knuckle and the tube carrying support hard wood.

Code Word.  
Stone.

Price. Either with base or  
mounted to cabinet. \$15.00

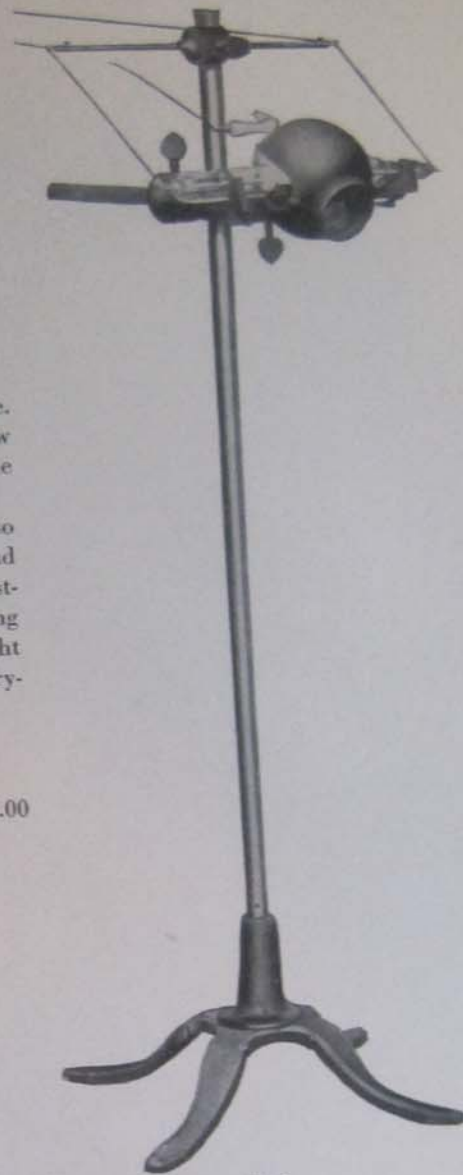


Fig. 7.

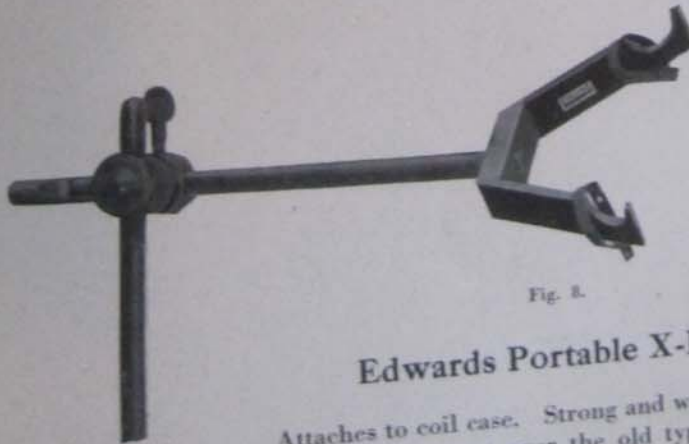


Fig. 8.

### Edwards Portable X-Ray Tube Holder.

Attaches to coil case. Strong and well made of hard wood. This is a decided improvement over the old type of portable tube holders. The tube is supported at both ends and held rigidly at any angle desired.

Code Word.

Porter.

Price

\$4.50

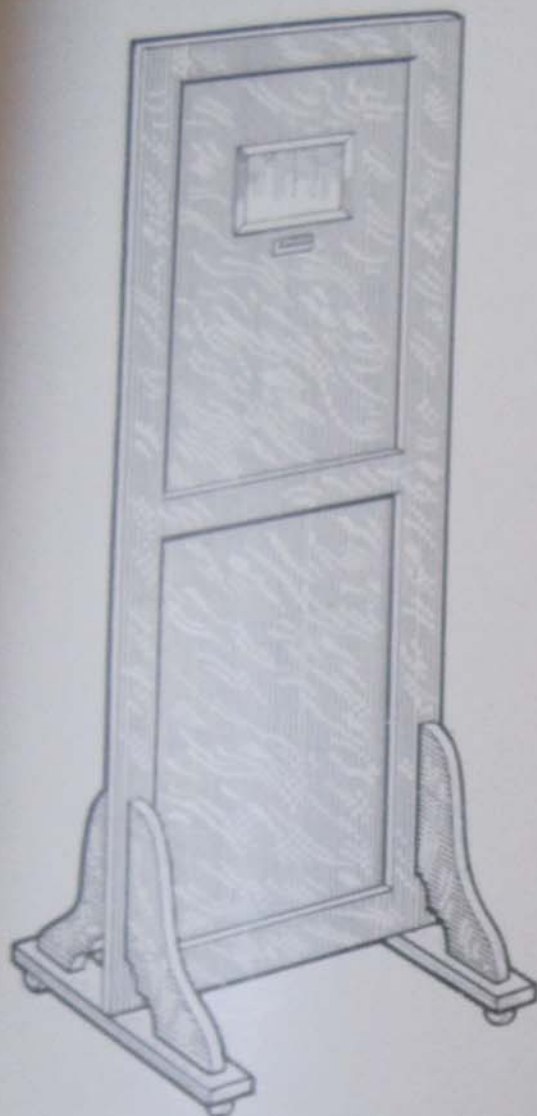


Fig. 18.

### Lead Lined Protective Screen.

This Screen is 27 inches wide and 74 inches high, covered with heavy pure sheet lead, faced on both sides with wood and finished to match the cabinet of the x-ray machine. The window is heavy lead plate glass. The operator when standing behind this screen is fully protected from the rays. At a slight additional charge a switch to operate the machine will be mounted on the back of the screen.

Code Word.

Leden. Price. Quarter-sawed oak  
finish . . . . . \$35.00

Mahogany, \$10.00 extra.  
White enamel, \$5.00 extra.

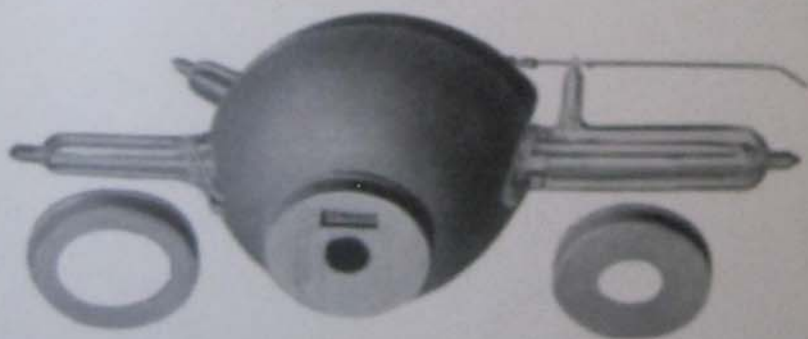


Fig. 19.

### Lead Impregnated Rubber Tube Shield.

This Tube Shield is rubber, sufficiently impregnated with lead to prevent harmful rays passing through. Three extra diaphragms, affording four sized openings, are furnished.

Code Word.

Flex. Price. To cover 6 inch tube. . . . . \$8.00  
Flexible. Price. To cover 7 inch tube. . . . . 10.00

### Tube Rack.

Fastens to the wall. To hold x-ray tube when not in use.

Code Word.

*Rack.* Price ..... \$1.00

### Foot Switch.

With which to operate machine from a distance.

Code Word.

*Foot.* Price ..... \$10.00

Double insulated extension cable, any length, 15 cents per foot.

### Negative Illuminating Box.

For glass negatives or films any size up to 8x10 inches. Well suited as a film display box. Capacity, twenty-five films.

Code Word.

*Illuminate.* Price. Complete, including attached cord and plug ..... \$7.50

### Eastman Improved X-Ray Dental Films.

The "Negative" is fast and the "Positive" a slow film. Price the same. "Positive" or slow kind supplied unless otherwise specified.

- No. 1. 1 1/4 x 5/8 inches, per dozen pairs..... \$0.50  
Three dozen pairs, \$1.50. Gross, \$6.00.
- No. 2. 1 1/2 x 2 1/4 inches, per dozen pairs ..... .85
- No. 3. 2 1/4 x 3 inches, per dozen pairs..... 1.75

### X-Ray Plates.

- Price. 5 x 7 inches, including two sets of envelopes..... \$1.40
- Price. 8 x 10 inches, including two sets of envelopes ..... 3.00

### Plate Chest (Lead Lined.)

Made of oak, nicely finished. Lined with thick lead, a necessary protection for undeveloped plates and films. Large enough to hold films and several dozen plates up to 10x12 inch size.

Code Word.

*Chest.* Price..... \$10.00

### Intensifying Screens.

When an intensifying screen is used with plate or film the exposure is only one-sixth as long. Nearly all leading x-ray operators use a screen for heavy work, as the shortened exposure saves the x-ray tube from over-strain. It is not recommended except for heavy work or when it is desired to shorten the exposure as much as possible.

- Price. 5 x 7 inch size, including cassett or holder..... \$22.50
- Price. 8 x 10 inch size, including cassett or holder..... 30.00

## Our Service Department.

All users of our machines are invited to consult our Service Department in all matters pertaining to the operation of machines, technique and on all subjects pertaining to dental x-ray work.

### Regarding Complete Outfits.

Three things are necessary in making x-ray pictures—the machine, the x-ray tube and tube holder. Accessories, such as daylight developing outfit, tube shield or protective screen, are advisable, but not absolutely necessary in the making of pictures.

In view of the fact that x-ray tubes, tube holders, tube stands and protective devices are made in various styles, sizes and at different prices, the complete outfit combinations are almost unlimited. We therefore feel it impractical to list complete outfits under one price. By bearing in mind the three things that are necessary, *i. e.*, machine, tube and tube holder or stand, the doctor will have no difficulty in selecting and ascertaining the total price of a complete outfit to suit his individual taste and requirements.

### Machines Sold Through Dealers Only.

We wish to serve the dental profession in the best and most satisfactory way. We find the dentists prefer to give their patronage to their local supply dealer. Therefore, we have adopted the rule of selling only through dealers. This, too, enables us to give better service, as many dealers have sent their representatives here to the factory to learn all about our machines and their operation.

In a short time we expect all leading dealers to have at least one man from their establishment take this course of instruction. This, in addition to personal instructions by our expert traveling representatives during their frequent visits to dealers, insures users of our machines the best of service.

As the difference between factory cost and retail price of Edwards apparatus is, we believe, less than any other machine of the kind, we are able to give dealers a margin of profit only sufficient to pay them for their time and expense in distributing machines.

For this reason, as well as to insure only the best and most satisfactory service to users of our machines, we insist on dealers maintaining the established, uniform price of our products. A five per cent discount only is allowed for cash. On payments, no discount. We reserve the right to refuse to distribute through any dealer who cuts the price.

If your dealer does not handle our machines, we will gladly give you the name of one in your vicinity who does.

All correspondence addressed to us receives prompt attention and questions asked pertaining to our machines are answered in detail.

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