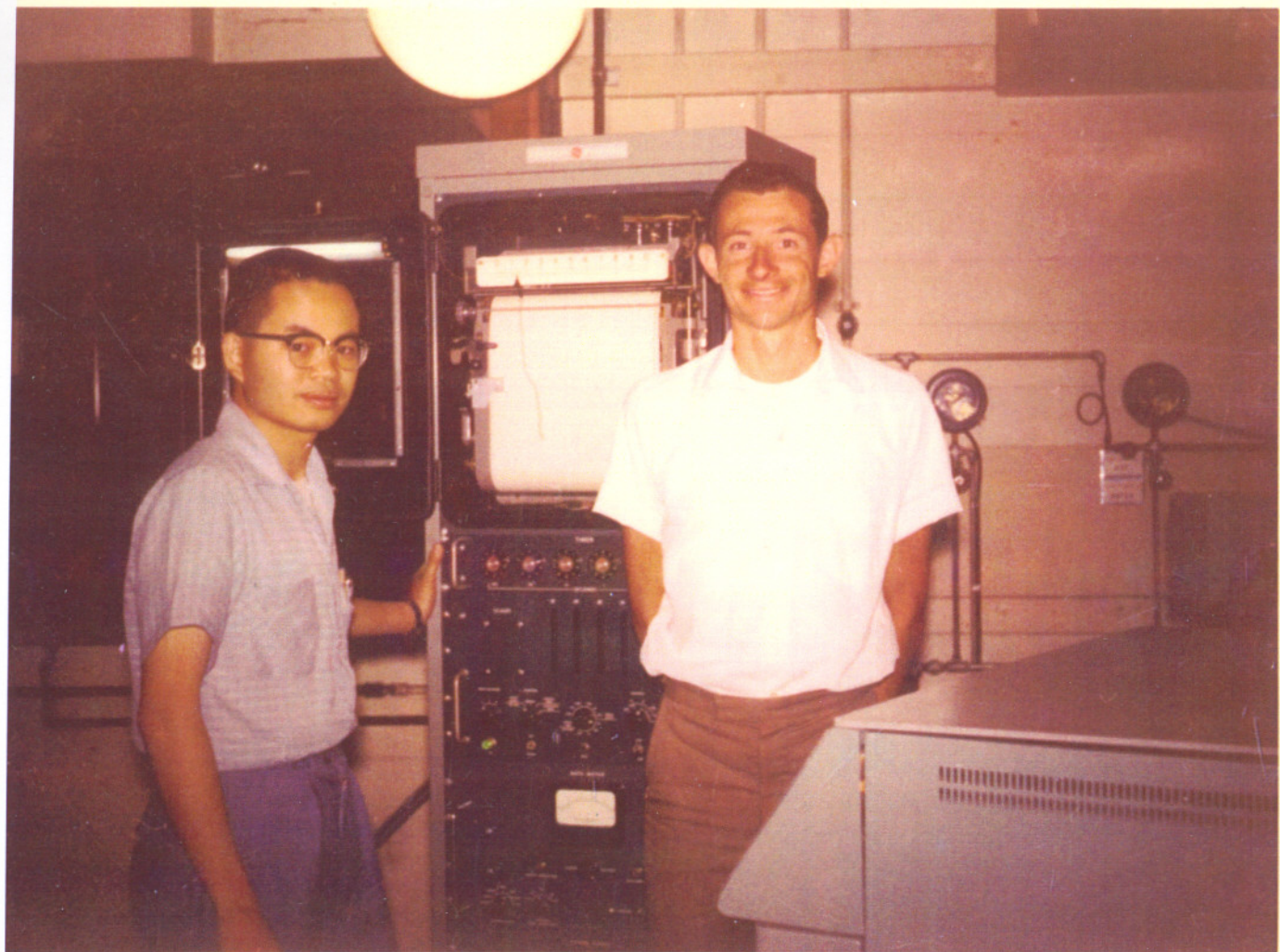


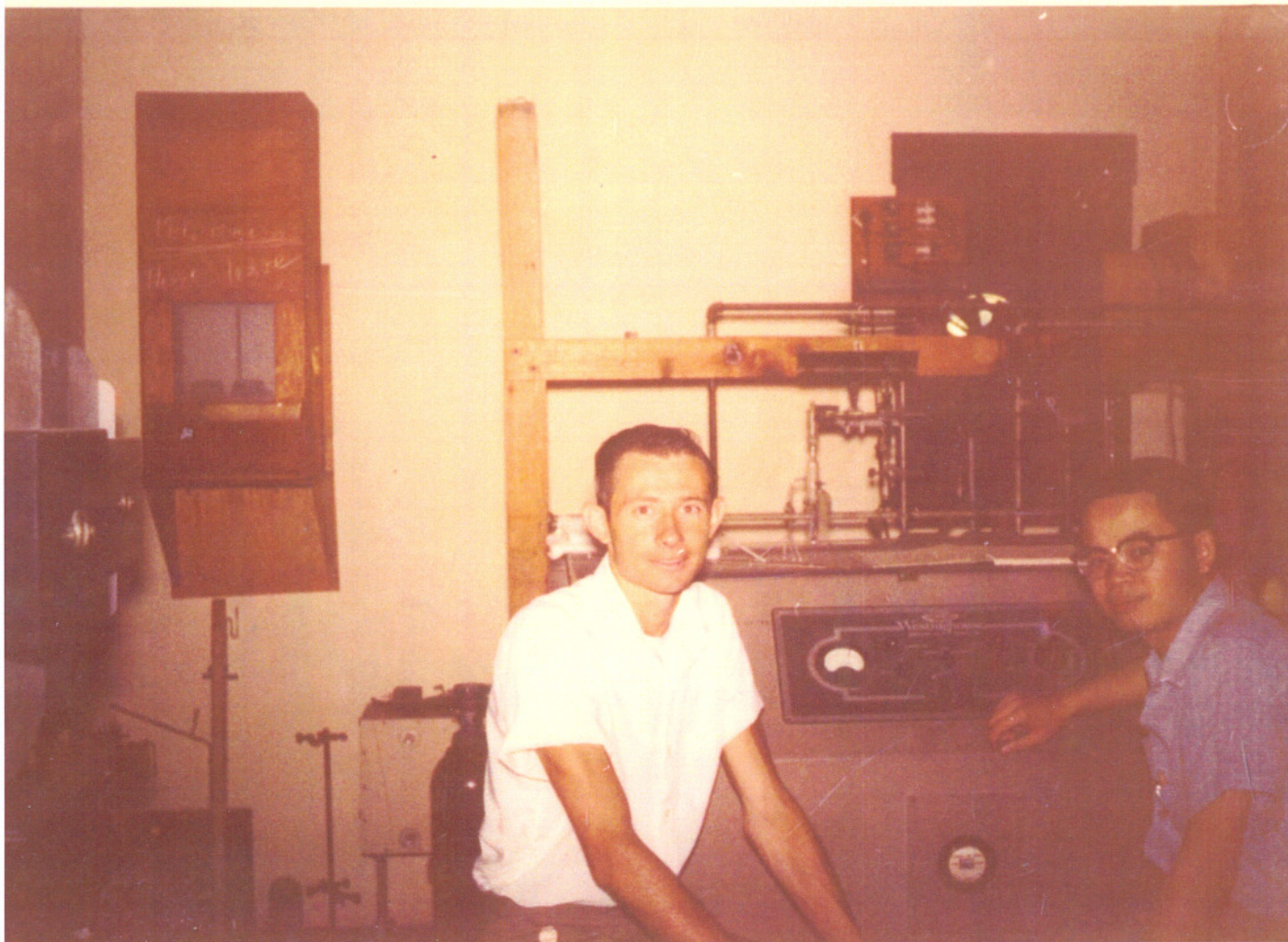
Picture of the high-field electromagnet that Minovitch used to determine the magnetic properties of various rare-earth compounds while working during the summer of 1959 at a laboratory in Burbank California called Research Chemicals. While working at this laboratory he developed a new method for determining the crystal structure of various compounds using x-ray diffraction data that was many times faster than the traditional methods based on trial and error techniques. He wrote up the method in the form of a preliminary technical paper for possible publication in the professional literature. As a result of this original work he was given the honor of working in Dr. Linus Pauling's famous Chemistry Laboratory at Caltech the following year during the summer of 1960.





During the summer of 1960, Minovitch was invited to work in Dr. Linus Pauling's chemistry laboratory at Caltech. This is a picture of Minovitch standing in front of a high-voltage X-Ray diffraction machine which was used to determine crystal structures of complicated molecules.





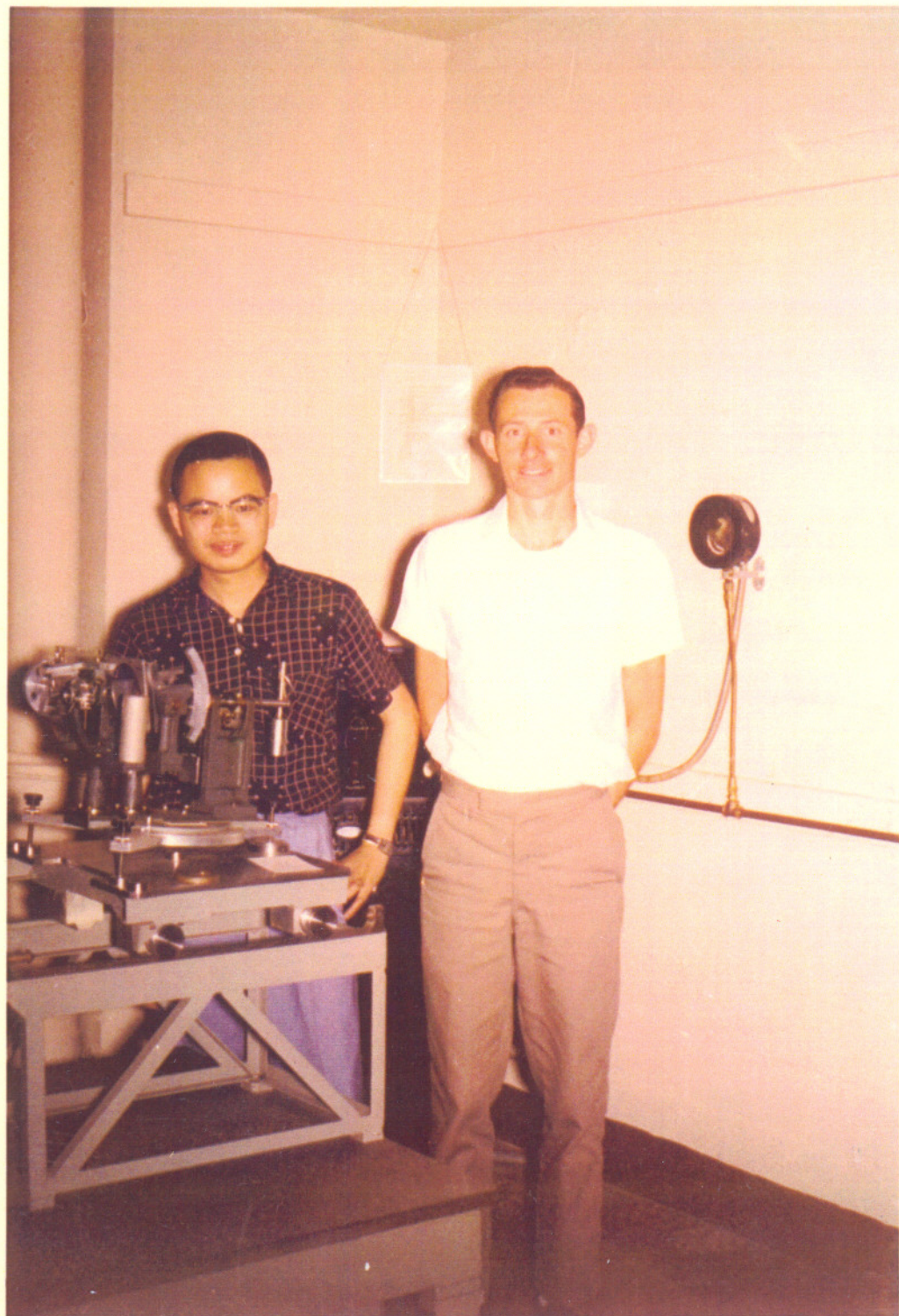
Minovitch working in Dr. Linus Pauling's chemistry laboratory during the summer of 1960.





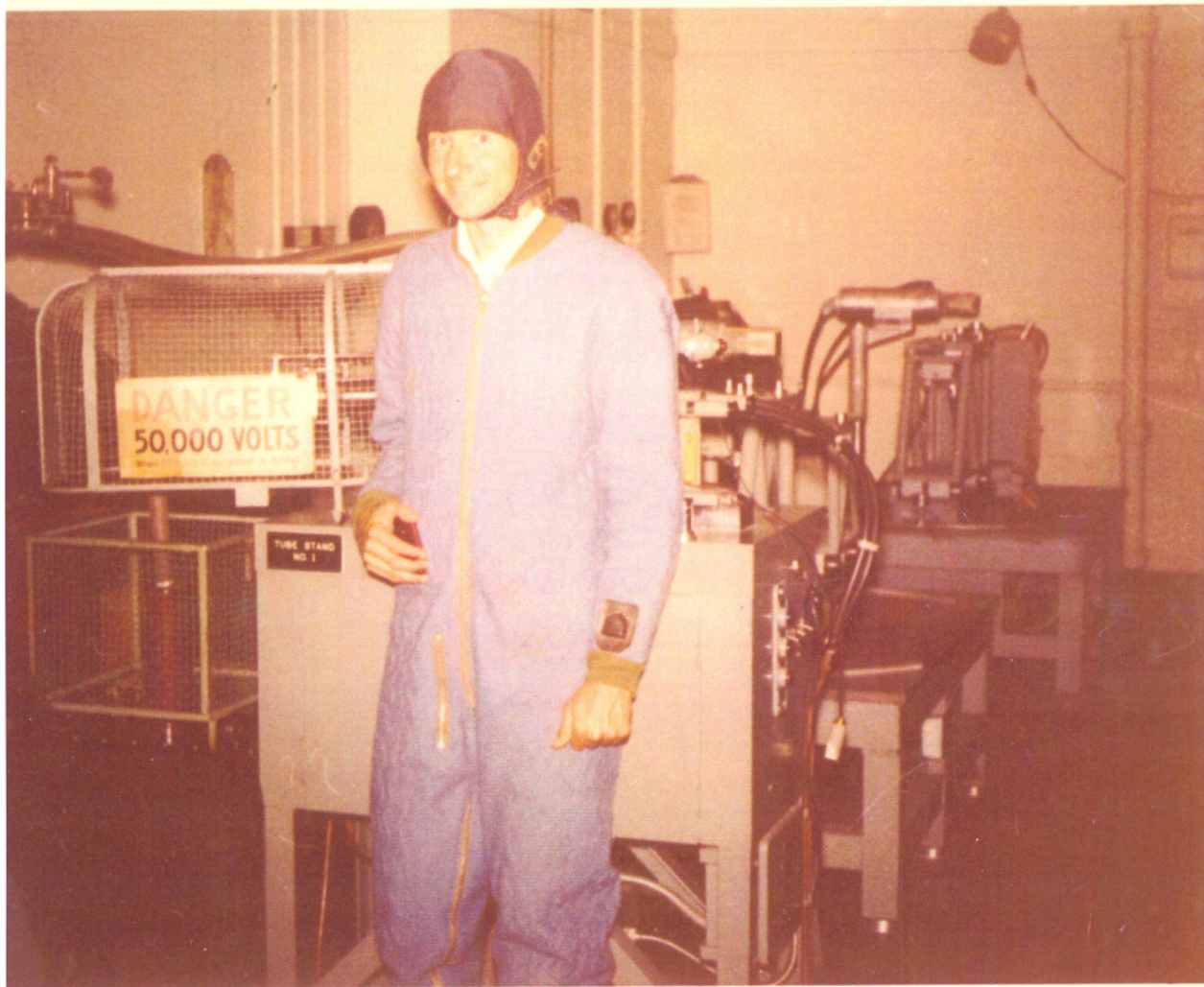
Minovitch working in Dr. Linus Pauling's chemistry laboratory during the summer of 1960.





Minovitch working in Dr. Linus Pauling's chemistry laboratory during the summer of 1960.





Picture of Minovitch prior to entering a special low-temperature room for preparing various compounds at low temperature for determining their crystal structure by x-ray diffraction scans.