

Norelco Horizontal Goniometer assures precise measurements in diffractometry

Model HG-17 improves accuracy by providing independent θ and 2θ scanning capability and a focusing circle of 173mm radius.

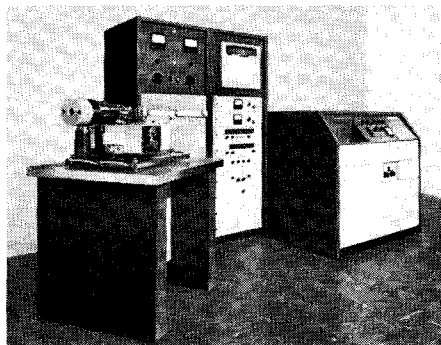
A quality instrument designed specifically for horizontal operation. This instrument supplements the world's most widely accepted vertical goniometer.

The capability of Model HG-17 to scan theta and two theta in both positive ($+165^\circ$) and negative (-100°) directions allows absolute alignment of instrument zero. This, in turn, improves the ability to accurately determine lattice parameters from measurement of equivalent reflections.

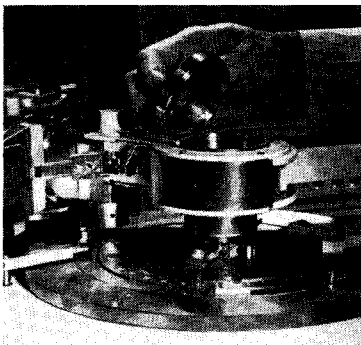
The Norelco Horizontal Goniometer accepts a variety of accessories. Cryogenic and High Temperature Chambers, a Stress Analysis attachment, Vacuum Chamber to reduce air scatter and absorption when using soft radiation, a Full Circle Device for texture studies, and a curved crystal Focusing Monochromator are examples of accessories offered.

For more detailed information please write—
Philips Electronic Instruments, 750 S. Fulton
Avenue, Mount Vernon, New York 10550.

Radiation shielding is safety-interlocked
and is unequalled in the field.



AI-37



World's Highest Standards in Quality Instrumentation

Norelco

**PHILIPS
ELECTRONIC
INSTRUMENTS**

