

Lock-in Amplifier for Modulation Measurement

Model U100-1025P

The model U100-1025P is a lock-in amplifier for the STM/AFM manufactured by Unisoku, which provides a certain frequency modulation to the bias voltage or probe-sample gap. The dI/dV image, dI/dz image, and also dI/dV spectrum can be obtained with this system.



► Specifications

Modulation voltage	0 - 2mV 0 - 20mV changeable
Modulation frequency	2 - 20kHz changeable
Input sensitivity	x1 - x1000 changeable in 7 steps
Output gain	x1 - x500 changeable in 6 steps
Response	0 - 20msec 0 - 2sec changeable
Output offset	- 10V - +10V
Detection mode	f and 2f changeable
Input voltage	100VAC (50/60Hz)
Consumption power	less than 100W
Dimensions	430(W) x 300 (D, 370 max. including the protrudent part) x 93 (H) mm
Weight	about 4kg

Specifications and appearance subject to change without prior notice.

Unisoku Co., Ltd.

2-4-3, Kasugano, Hirakata, Osaka

573-0131, Japan

Tel: 81-72-858-6456 Fax: 81-72-859-5655

e-mail: info@unisoku.co.jp

URL : <http://www.unisoku.co.jp>