

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

Maxtek SO-100

Sensor Oscillator



FOR MAXIMUM CRYSTAL LIFE

The SO-100 sensor oscillator is designed to maximize crystal life for industry standard 5 and 6 MHz sensor crystals.

The standard SO-100 is tuned for cable lengths of up to 36 inches from the oscillator to the crystal head. A special SO-100 is available for cable lengths of up to 66 inches from the oscillator to the crystal head. INFICON offers both 30" and 60" Microdot® coaxial cables to connect the feedthrough to the crystal head inside the vacuum system.

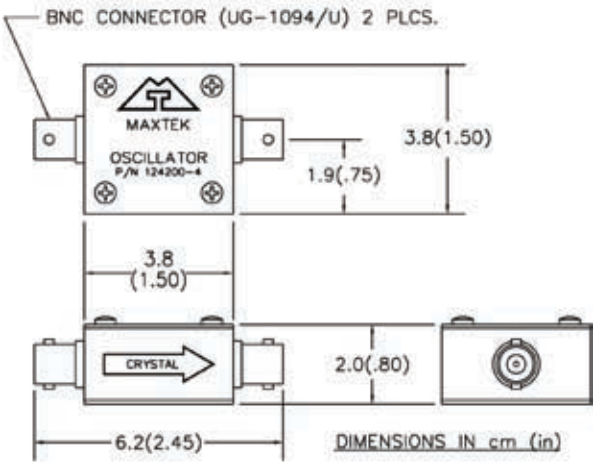
The SO-100 is available by itself or with a set of 6" and 10' coaxial cables. The 6" cable connects the oscillator to the atmosphere side of the feedthrough. The 10' cable connects the oscillator to the thickness monitor/controller. To replace the 10' cable, cable lengths up to 100' are available upon request.

FEATURES AT A GLANCE

- Maximizes crystal life
- Variety of cable lengths available



6" BNC, 10' BNC and 30" Microdot Cables



SPECIFICATIONS

Input Voltage	4.5 - 5.0 VDC through 50 ohm
Input and Output Connectors	Female BNC

ORDERING INFORMATION

Model #	Part #	Description
SO-100	124200-4	SO-100 oscillator only, designed for cable lengths up to 36” from the oscillator to the crystal.
SO-100	124200-6	SO-100 oscillator only, designed for cable lengths up to 66” from the oscillator to the crystal.
SO-100	124201-4	SO-100 oscillator designed for cable lengths up to 36” from the oscillator to the crystal, (1) 6” and (1) 10’ BNC cable.
BNC Cable	124204	15 cm (6”) BNC cable to connect the oscillator to the feedthrough.
BNC Cable	124202-1	305 cm (10’) BNC cable to connect the oscillator to the thickness monitor/controller.
BNC Cable	124202-2	610 cm (20’) BNC cable to connect the oscillator to the thickness monitor/controller.
BNC Cable	124202-9	Custom length BNC cable to connect the oscillator to the thickness monitor/controller.
Microdot Cable	123204-1	76 cm (30”) Microdot cable to connect the sensor head to the feedthrough inside the vacuum system.
Microdot Cable	123204-2	152 cm (60”) Microdot cable to connect the sensor head to the feedthrough inside the vacuum system. Used with special SO-100 P/N 124200-6.

Due to our continuing program of product improvements, specifications are subject to change without notice.

cmbd65a1 ©2007 INFICON

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP