

Scope On A Rope Mark II

*Advanced Micro Imaging Products and Accessories
Designed for Education by SCALAR*

Key features:

- ◆ Magnification available from 1x to 750x with built-in lighting - easy to change lenses
- ◆ Very light weight and easy to point - displays on TVs, media projectors or computers
- ◆ Can be mastered by students or teachers in 5 minutes!



Call for **FREE** demonstration
of all the Scalar products.

TEL. (877) 395-1001

FAX: (866) 991-9591

WEB: WWW.SCHOOLTR.COM



Complete Education Bundle which includes 1x, 30x, 200x lenses, stand, stage set, backlight lamp, carrying case, specimen kit, LSU How-To book, CO2 cleaner kit, teacher resource CD with lesson plans.

The **Scope On A Rope (SOAR)** is a unique video microscope that is easy for anyone to master and use. It practically eliminates all the difficulties of viewing specimens and allows students to get "hands on" involvement with discovering the world of micro science.

With the prevalence of digital devices throughout their lives, from Gameboys[®] to computers, this new form of microscope helps in developing the digital skills all students need to master as they move through school and out into their chosen career fields.

Why Scope On A Rope?

The Scope On A Rope was developed by Louisiana State University in conjunction with Scalar Corporation of Japan to be used as a teaching tool at all levels of education. For more information go to: www.scopeonarope.lsu.edu

SCHOOL

TECHNOLOGY RESOURCES

5274 Scotts Valley Dr. #204, Scotts Valley, CA 95066

Scope On A Rope Mark II

Product Specifications

Specifications Brief

- ✓ **Image Capturing Element - 1/3" VGA progressive scanning CCD**
- ✓ **Total Image Element - 410,000 pixels optical magnification**
- ✓ **On Board Frame Capture - 2 image fields - also split screen imaging**
- ✓ **Refresh Rate - 30 frames/sec. High quality video**
- ✓ **Light Source - built-in miniature high luminance fluorescent lamp in 30x and higher**
- ✓ **White Balance - fixed with lamps on/auto variable with lamps off**
- ✓ **Video Output - NTSC RCA jack to any monitor/computer**
- ✓ **Power Supply - 110V AC 50/60 Hz.**
- ✓ **Weight -approx. 200g (6.3 oz)**
- ✓ **Warranty - 1 year**

TEL. (877) 395-1001

FAX: (866) 991-9591

WEB: WWW.SCHOOLTR.COM

Proven Benefits for the Classroom

The SOAR has been "kid tested" by over 15,000 K-12 students in its development!

- ◆ Saves time for the teacher - ease of learning and use, set up, clean up and adaptability
- ◆ Serves multiple classrooms and teachers - moves easily from one classroom to another
- ◆ Combines the use of other strategic high tech teaching tools - like computers, monitors and media projectors
- ◆ Multi-disciplinary use- adaptable to science, math, art, and even reading curriculum
- ◆ Fosters spontaneous, hands-on discovery
- ◆ Works with individuals, groups or whole classes
- ◆ It's fun - for teachers and students
- ◆ Rugged construction insures it will stand up to constant use

Scope On A Rope (SOAR) Components and Options

- ◆ Base SOAR unit - consists of hand-held microscope, cables, main control unit with lens storage and power supply
- ◆ 30x and 50x lens - bayonet mount contact/non-contact lens with polarized/non-polarized light
- ◆ 100x, 200x, 500x, 750x lens - bayonet mount contact lens
- ◆ 1x -bayonet mount - adjusts to infinity - (allows the SOAR to be used similar to standard video camera, as a dissecting microscope, or document camera)
- ◆ 10x adapter for standard microscope - allows the SOAR to be inserted into the eyepiece of optical microscope to project images or can be used as a 10x lens
- ◆ Education Accessories - extendable metal stand, stage set allows viewing of slides or water samples, carrying case, backlight lamp with LightBlocker, collection kit, "How To" booklet, CO2 cleaner kit, teacher resource CD with lesson plans & how-to video clips

SCHOOL

TECHNOLOGY RESOURCES

5274 Scotts Valley Dr. #204, Scotts Valley, CA 95066