



THE QUEEN'S AWARDS
FOR ENTERPRISE
2006

CAPRIS® 50-100

Entry level bench top UV laser wire marking system

for aircraft MRO and light manufacturing applications: the safe, permanent, cost effective solution for marking thin wall wire and cable

**MARK,
MEASURE
& CUT**



POWERED BY
LONGBOW



marking

CAPRIS 50-100 & CAPRIS 50-100 PCS

The affordable alternative to hot stamp wire marking.

The **CAPRIS 50-100** is the World's first bench top UV laser wire marker, from Spectrum Technologies: the world leader in the design and manufacture of UV laser wire marking and processing systems. It has been developed specifically to provide an affordable replacement to hot stamp wire marking, which is considered an aggressive process and unsuitable for marking current thin wall aerospace wires in particular.

The *CAPRIS* 50-100 is a milestone development in UV laser wire marking technology, featuring all the benefits of Spectrum's market leading *CAPRIS* wire marking systems packaged into a low cost bench top unit.

Designed for the processing of single core wires and multicore cables employed in the aerospace and other key industries, the CAPRIS 50-100 provides mark,

measure and cut capabilities for wires from 26 AWG up to 6 AWG. The system is designed for total simplicity: data inputting via the membrane key pad. Wires are easily loaded for processing and wire changes require no alterations to the wire transport or marking system. Optionally, the system can be provided with a PC-based control system.

Typical applications include aircraft maintenance and modification centres, low volume harness production, cellular manufacturing and rework stations.

Spectrum offers worldwide customer support from a dedicated team of field service engineers or by fully trained local service agents with the addition of a telephone technical helpline operating around the global clock.

CAPRIS 50-100 & CAPRIS 500-100 PCS

המערכת הבטוחה והחסונית ביטור לSIMON על גבי חוטים וכבלים עם בידוד דק, מגדישה עד 30 אותיות לכל סימון, בהירות הדפסה של 4 עד 8 מטר/דקה. מסמנת, מודדת וחوتכת חוטים חד גידים ((SINGLE CORE)) ורב גידים (MULTI CORE) הזרת חוטים לסימון והחלפת סוגים שונים מצריכה שינוי כלשהו במוביל החוט או ביחידת הסימון.



- 1. מערכת 100-50-32 CAPRIS** (מבחן מיקרופרנסוס) כולל מיצאות בשני דגמים: מיקרופרנסוס מובנה המאפשר לסמון קטעים של חוטים בודדים או קבוצות חוטים. הנתונים מזונים ידנית באמצעות מקלחת וזכה למערכת זיכרון ל-32 אותיות (כאלף חוטים).

2. מערכת CAPRIS 50-100 PCS (מבודרת מחשב PC) כוללת תוכנת הפעלה חלונית של CAPRIS המאפשרת לבנות, לבחור ולהפעיל תוכניות הדפסה באמצעות המחשב. את תכניות הדפסה ניתן לשמר במחשב בראשות או על גבי מדיה אחורית.

★ פנה אלינו לקבלת קטלוג נפרדים ופרטים מלאים

CAPRIS 50-100 CONTROL OPTIONS

The CAPRIS 50-100 comes in two versions: the microprocessor controlled base system or the PC controlled CAPRIS 50-100 PCS.

CAPRIS 50-100 - Microprocessor controlled system

The standard CAPRIS 50-100 has a built-on microprocessor that offers the possibility to mark either single wire sections or batch files immediately. Data is input via a membrane keypad and 4 line liquid crystal display.

Data may only be input manually and the system has built in storage for 32,000 characters (around 1,000 wires). This is suitable for operations producing single wires or small jobs. However, for higher volume work the PC option is recommended.

CAPRIS 50-100 PCS - PC controlled system

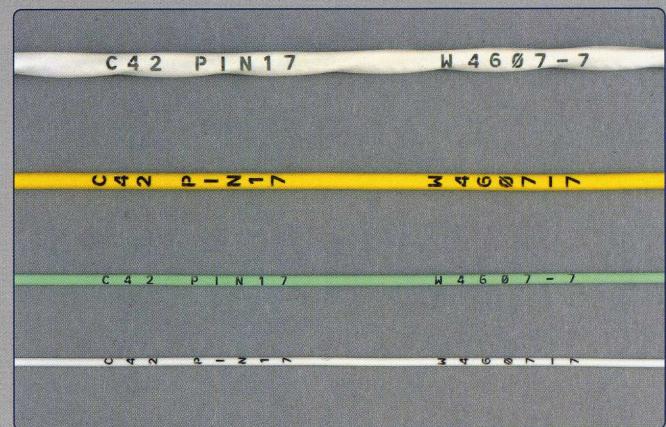
The CAPRIS 50-100 PCS includes a separate PC and Windows™ based CAPRIS control software. This software allows full control of the CAPRIS 50-100, where job files can be created, selected and started from the PC user interface. Another benefit is the ability to process individual jobs which are greater than the physical memory of the stand alone CAPRIS 50-100. This is achieved by buffering the data so that only 8 records are in memory at any given time giving a huge virtual memory capacity.

The CAPRIS Windows user interface is simple but more flexible than the microprocessor system, appearing like an Excel spreadsheet. The PC software allows job files to be created or imported from Excel (*.CSV), Access, text files (*.JLT) etc. These jobs can then be downloaded to the CAPRIS 50-100 from the PC. Existing jobs can also be uploaded from the CAPRIS 50-100 to the PC for backup in case of system failure.

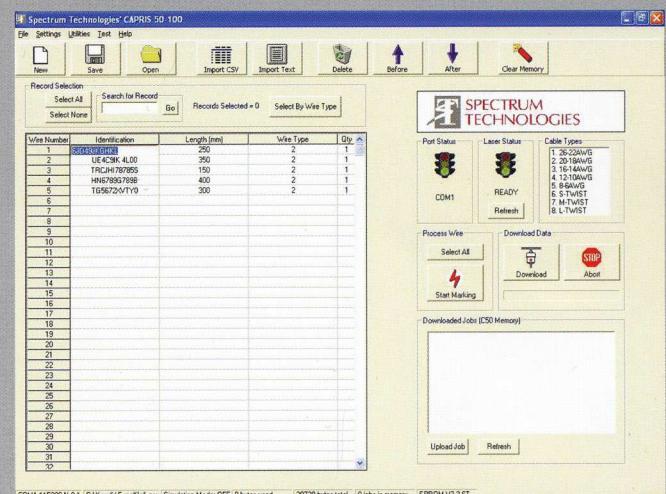
The PC allows data to be accessed from a 3.5" disc, DVD or more commonly via a standard network connection.

A further significant advantage of the PC based system is the increased maximum number of characters that may be printed in an individual wire; at 60 characters this is double that of the microprocessor based system.

CAPRIS UV laser marked wire and cable samples.
Includes optional source / destination codes at wire ends



Example of CAPRIS 50-100 operating screen



quality, accuracy and performance

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