

NEW

MULTILINE

µP

ZUMBACH

Diameter Monitoring for Wire Drawing
Complete Measurement Data in Real Time plus Statistics
Accurate ■ Central ■ Economical



1



2

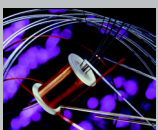


3



4

► ... 32



Decisive Advantages

- Up to 32 measurement locations
- New measuring head ODAC[®] 14XY-WD developed for wire drawing
- Concise and quick overview of diameter, ovality, run-stop, length produced
- Tolerance alarms
- Statistics, SPC
- Communication with host computers
- Simple bus connection

Introduction

MULTILINE is a new system for the central monitoring of diameter and product quality in wire drawing operations.

Up to 32 measurement points can be monitored centrally with the industrial data processor of the MULTILINE unit and its application specific software. The system offers concise and fast information on diameter, ovality, status and tolerance alarms, generates statistics and communicates with host processors.

The new ODAC® 14XY-WD laser measuring head can easily be integrated into a network with a single addressable data bus connection. A local display of the measurement value and of alarm conditions is offered as an option.

The system can be expanded anytime from a couple of measuring heads up to 32 measuring points. For single wire drawing applications, the well proven WIREMASTER can be supplied.

Main Characteristics

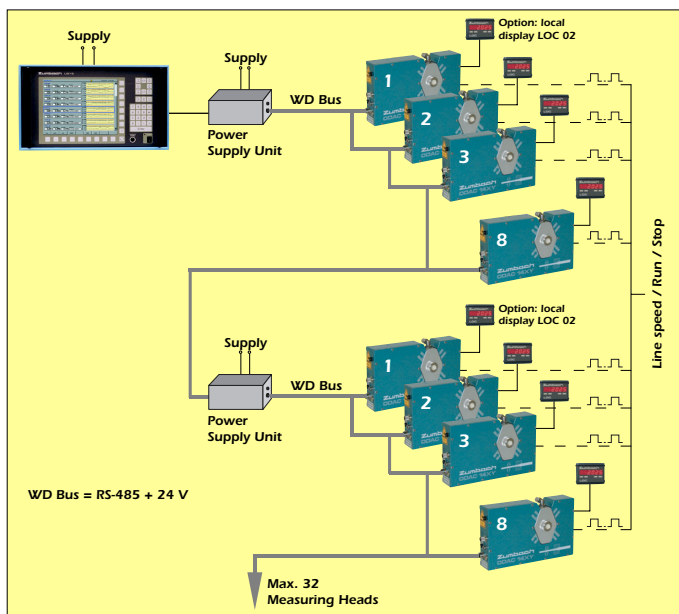
- Permanent diameter measurement/display of X axis, Y axis, X-Y, mean value for each wire or for each line.
- Tolerance monitor
- Large product library reduces programming time to a minimum
- Simple programming through intuitive software, through function keys for direct access and through context related keys located on the front panel
- Mode key allows switching between user mode and configuration mode
- The software offers language selection of English, Chinese, Dutch, French, German, Italian, Portuguese, Spanish, Swedish and Turkish. Other languages on request.

Main Functions of Basic Version (Up to 8 Measurement Points)

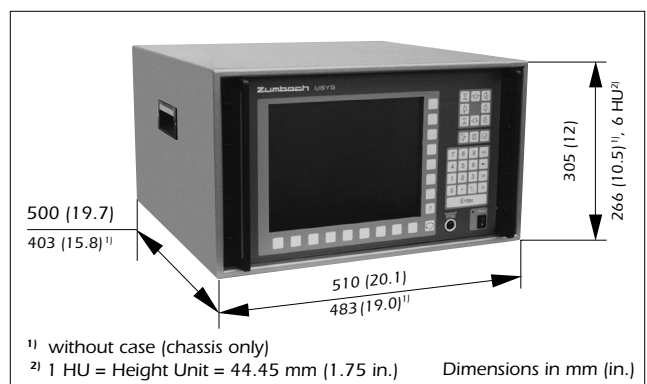
- Real time event/data logging
- Summary reporting per wire
- SPC per wire
- Library for the data of 1000 products
- 1 serial RS-485 interface for cabling of the measuring heads
- 1 parallel printer interface CENTRONICS
- 2 serial RS-232 interface for HOST Computer, label printer
- 8 relays for +/- tolerance alarms, system alarms, status
- Adjustable prealarm and alarm limits (+) and (-)
- "Start/Stop" inputs for reel changes and end of order
- "Pause" input for data acquisition interruption
- 19" rack mount system (6 HU)

Options:

- Additional relays for +/- tolerance alarms, up to max. 32
- Analog outputs 0 ... 10 V / +/- 10 V



Dimensions



▪ Technical specifications are subject to change without notice

► For detailed specifications on ODAC® 14XY-WD and the local display LOC 02, please ask for separate data sheets.

Switzerland (H.Q.)
ZUMBACH Electronic AG
 P.O. Box
 CH-2552 Orpund
 Phone +41 (0)32 356 04 00
 Fax +41 (0)32 356 04 30
 E-mail: sales@zumbach.ch

USA
ZUMBACH Electronics Corp.
 140 Kisco Avenue
 Mount Kisco, NY 10549-1412
 Phone +1 914 241 7080
 Fax +1 914 241 7096
 E-mail: sales@zumbach.com

Other **ZUMBACH** companies in Argentina, Belgium, Brazil, China, France, Germany, Great Britain, India, Italy, Spain, Switzerland and Taiwan, plus representatives in more than 40 countries.

Website: www.zumbach.com