

MEASUREMENT SYSTEMS

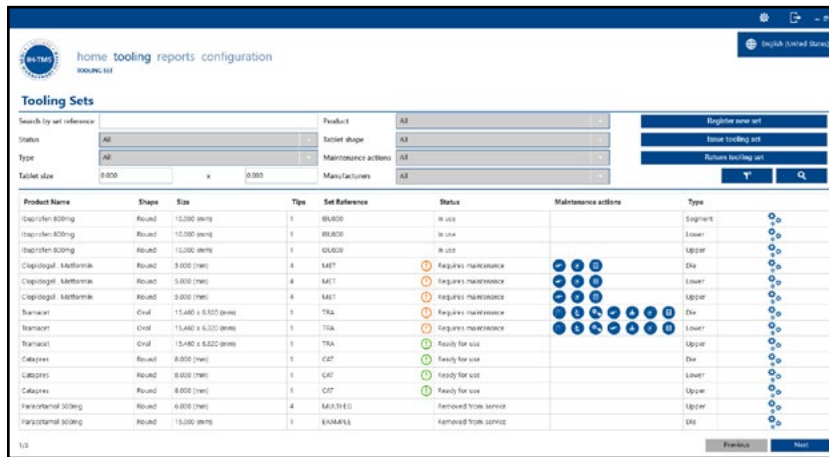
STEP 04: MEASURE



I Holland Tool Management System (IH-TMS) with optional extras

IH-TMS

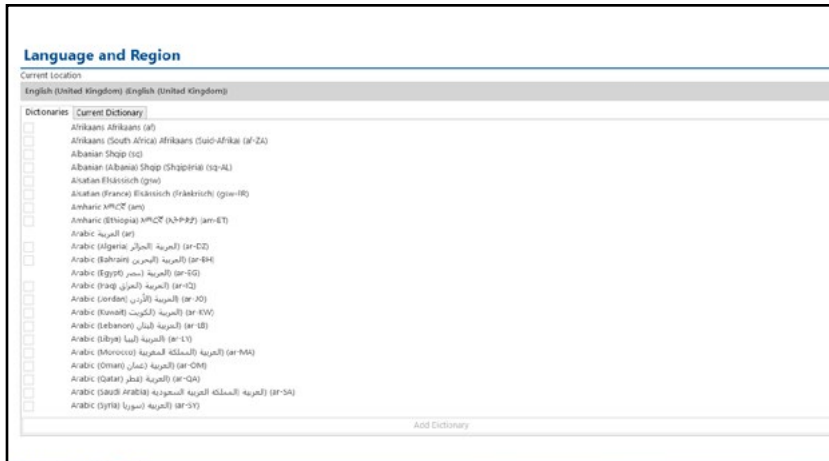
STEP 04: MEASURE



FULL TOOLING INVENTORY PROVIDING LIFE-CYCLE MANAGEMENT

IBU800		In use	
IBU800		In use	
MET	!	Requires maintenance	🔍 📄 🔄
MET	!	Requires maintenance	🔍 📄 🔄
MET	!	Requires maintenance	🔍 📄 🔄
TRA	!	Requires maintenance	🔍 📄 🔄 📅 📌
TRA	!	Requires maintenance	🔍 📄 🔄 📅 📌
TRA	🟢	Ready for use	
CAT	🟢	Ready for use	
CAT	🟢	Ready for use	
CAT	🟢	Ready for use	
MULTI-FG		Removed from service	
EXAMPLE		Removed from service	

OVER COMPRESSION, REPAIR AND REPLACEMENT PROMPTS, ALLOWING PLANNED TOOL MAINTENANCE



SYSTEM IS FULLY ADAPTABLE TO ANY LANGUAGE OR ANY SCRIPT (R TO L OR L TO R)

FEATURES & BENEFITS

STEP 04: MEASURE

I Holland Tool Management System

KEY FEATURES:

- Full tool inventory
- 21 CFR part 11 compliant
- Powerful management reports
- Tool measurement capability with USB connectivity
- 64 Bit windows based application with touch-screen
- Eurostandard Educational Suite Embedded
- Flexible, user definable multi-lingual dictionary
- Over compression warnings and tool repair / replacement prompts

CORE BENEFITS:

- Tooling life-cycle and rotation management
- Gives complete audit trail
- Keep track of key performance indicators, such as tablet quantities produced, yield etc.
- Compatible with industry standard measuring equipment
- Easy to use interface
- Access drawing and tool image archives
- Protect tooling with planned tool maintenance schedule
- Measurements can be input using simple gauges

HNC Laser

KEY FEATURES:

- Non-contact system for accurate length measurement
- Super accurate laser displacement sensor with 0.05 micron repeatability across the tool set
- Quick to identify lowest point on the punch tip cup without marking the tool face
- Length measurement for any punch type including multi tip tooling
- Type of laser: Displacement sensor

CORE BENEFITS:

- Consistent measurements are taken time after time
- Minimum tooling knowledge is required by the operator
- Helps to ensure a scratch free tip face and smooth surface thereby helping to avoid problems such as sticking



System is 21 CFR Part 11 compliant with password protection, several levels of authority, comprehensive document management and audit trail



PRODUCT SPECIFICATION

STEP 04: MEASURE

I HOLLAND TOOL MANAGEMENT SYSTEM		
PART NUMBER	DESCRIPTION	QUANTITIES
K-IHTMS100	IH-TMS ^{Basic} – Starter package includes compact & powerful touch screen, PC, scanner-printer, mouse, keyboard & minicam system	1
K-IHTMS200	IH-TMS ^{Contact} – Full system as IH0TMS ^{Basic} plus digital comparator	1
K-IHTMS300	IH-TMS ^{Laser} – Full system as IH-TMS ^{Basic} plus I Holland non-contact laser comparator	1

VALIDATION, TRAINING & SUPPORT		
PART NUMBER	DESCRIPTION	QUANTITIES
IHTMS600	Validation Documentation for IH-TMS ^{Basic}	1
IHTMS610	Validation Documentation for IH-TMS ^{Contact}	1
IHTMS620	Validation Documentation for IH-TMS ^{Laser}	1
IHTMS700	Installation & Training (3 Days) for IH-TMS ^{Basic}	1
IHTMS710	Installation, Training & Validation Support (4 Days) for IH-TMS ^{Contact} or IH-TMS ^{Laser}	1
IHTMS800	IH-TMS Software Support (24 Months)	1

Standard B and D nylon length pots come with IH-TMS[®] as standard. Further details of these products are supplied with the repair kit information on page 21.

ADDITIONAL MEASUREMENT EQUIPMENT		
PART NUMBER	DESCRIPTION	QUANTITIES
K-IHTMS400	IH-TMS Handheld Instruments Kit	1
K-IHTMS500	IH-TMS Concentricity Module Kit	1
K-HEAP-INS47	HNC Laser	1

DIGITAL COMPARATOR		
PART NUMBER	DESCRIPTION	QUANTITIES
HEAP-DAP01	Mini Processor	1
HEAP-INS06	IDF Digimatic Length Gauge Indicator	1
HEAP-INS09	Data Output Cable for IDF Indicator	1
HEAP-INS05	IDF Comparator Stand	1
HEMA-LGH11	Length Pot – B Type (nylon)	1
HEMA-LGH12	Length Pot – D Type (nylon)	1
HEMA-LGH04	Length Gauge – TSM 5.25" Stainless Steel	1
HEMA-LGH13	Length Gauge – Euronorm 133.600mm Stainless Steel	1