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DIGI-COMBI GAGE

Simply accurate

- | Digital reading
- | Quick reliable check of thread quality and thread depth in one single operation
- | RS 232 Opto connection option for statistical data processing – wireless or by cable
- | Quick replacement of worn thread inserts with re-calibration of depth
- | Ergonomic operation
- | Up to 100% longer inserts, which gives maximum wearability
- | Crest of the first full thread on Go in accordance to Federal standard H28/6 which provide accurate depth reading



Enovis

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Enovis

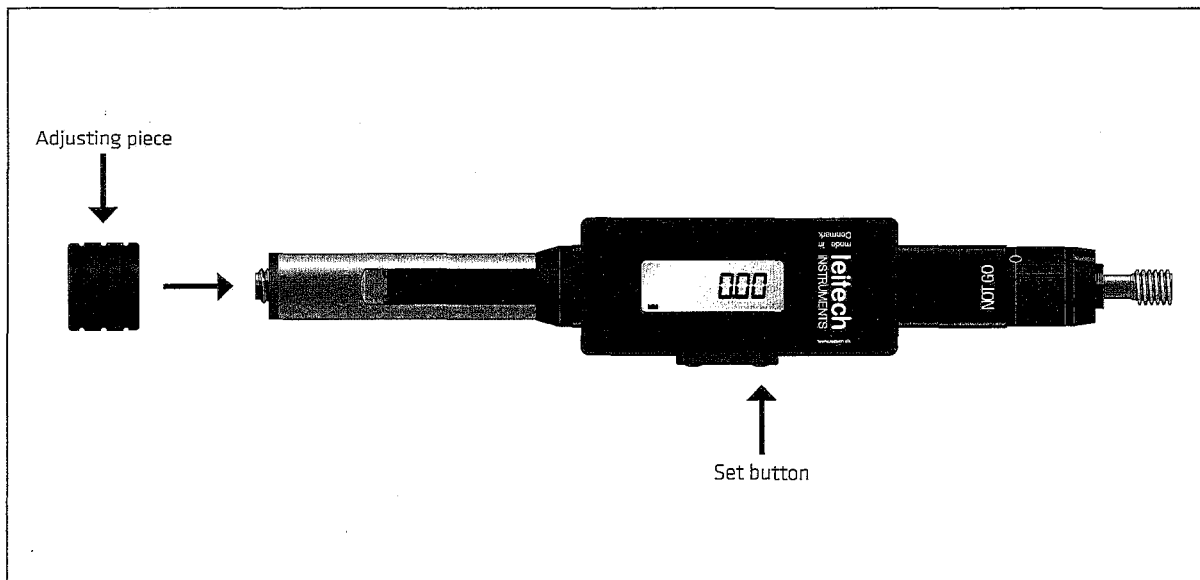
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DJO-0857D
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CALIBRATION OF THE DIGI GAUGE

Calibration is made by the included adjusting piece. Beware that the adjusting piece is marked with the pitch equivalent to the threaded insert mounted in the gauge.

Switch on the DIGI Gauge and set measurement for mm or inches. Then hold the adjusting piece firmly against the end face of the "go" insert and the contact face of the measuring sleeve. Briefly press the button marked "set". The digi gauge is now correctly calibrated to zero.

Technical specifications

Digital reading with display resolution of 0.01 mm / 0.0005 inches

Measuring accuracy ± 0.025 mm

Display switch between mm and inches

Thread size from 4 mm – 22 mm

Data output: RS 232 Opto by cable or wireless

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Manual for Manual Digi-COMBI Gage

Mounting of battery for display.

1. Remove the rubber cover for computer port and battery.
2. Insert battery (Cr 2032) in the housing with + polarity upwards, display will now show 00.0 mm or 0.000 Inch. If this is not the case display should be reset by pushing the little hole on the opposite side of the 2 operation buttons. Display should now show 0.00
3. Mount the 2 rubber covers. The rim upwards.

Calibration

If go insert has been exchanged, please see adjustment of plug adjusting rod (point 4).

Please choose the correct size and pitch for the calibration tool corresponding to the gauge.

Press the calibration tool against the Go end and the measuring sleeve. Please check that display shows "mm" or "inch" in left side and "SET" in right side.

When Go insert and measuring sleeve rest on the surface at the calibration tool, the back "SET" button is pushed and display will now 0.00.

Calibration of display can now be locked by pushing the front "REF" button in approximate 2 seconds until display shows "REF 1" in the upper left corner of display.

View of display can be maintained by a quick push at the back button. Display now shows "HOLD" in the upper right corner. If the gauge is connected to data transfer system, the depth indicated on the display will now be send to data registration system. By repeated push the system will go back to measuring mode.

Measuring of thread

When the display has been calibrated, the measuring can start. The go insert is screwed into the thread hole, by holding the house, and turning the lock nut. The gauge is screwed in as far as possible, without the use of excessive power. The display will now show the depth. If the depth should be registered, push the back button. Now the gauge can be unscrewed from the hole. Test the thread hole with the not go end.

Exchange of worn thread inserts.

When the inserts are worn they can be exchanged by using our removal sleeve tool.

The removal sleeve tool is available from Type 200 to type 600 handle equal to thread sizes from M2 to M22.

1. Slide the Member removal sleeve over the gauge member to be replaced.
2. Thread the nut on the gage member.
3. Tighten the nut against the Member Removal Sleeve.
4. Wrench the gauge member from the handle.
5. Inserts the new gauge member. Tap against a soft surface to seat the gauge member into the handle.
6. Loosen the two locking screws on the handle with an Allen wrench.

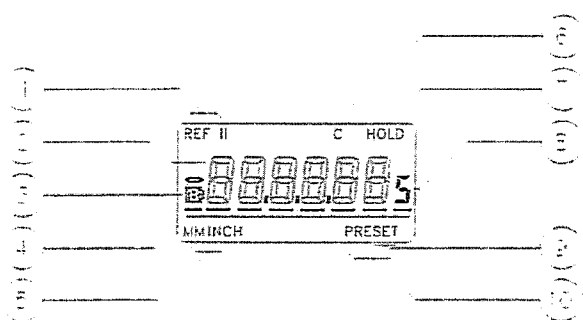
Follow the calibration procedure under point 2.

7. Re-tighten the locking screws finger-tight. The Digi is now set at the correct calibration length for accurate functional thread depth measurement.

Définition

Bedeutung

Description



1. Gültiger Referenzwert (REFI oder REFII)
2. Messwert
3. Batterie geht zu Ende
4. Stellenmarke zur Referenzwerteingabe
5. Masseinheit
6. Tastenfunktion [mode] gesperrt
7. Messwertspeicherung
8. .0005/.00005 INCH
9. Referenzwertabruf
10. Referenzwerteingabe

1. Indicateur de la référence active (REFI ou REFII)
2. Valeur mesurée
3. Indicateur de fin de vie de la batterie
4. Curseurs pour introduction du preset
5. Indicateur d'unité de mesure
6. Indicateur du blocage du bouton [mode]
7. Indication du gel de la mesure
8. Affichage .0005/.00005 INCH
9. Indicateur rappel du preset
10. Indicateur du mode preset

1. Active reference indicator (REFI or REFII)
2. Measured value
3. Battery life warning display
4. Indicating cursor for preset
5. Unit indicator
6. Locked mode indicator
7. Hold indicator
8. Display .0005/.00005 INCH
9. Preset indicator
10. Preset mode indicator

Fonctionnement

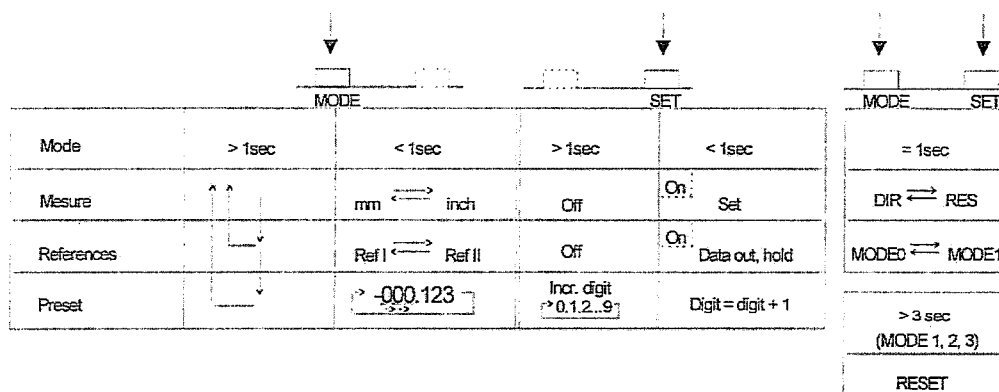
Wirkungsweise

Functions

Organigramme des boutons

Tastenfunktionsdiagramm

How to use buttons



Utilisation

Bedienung

Operation

Une courte pression (<1sec)
active la fonction du bouton

Une longue pression (>1sec)
active le changement de mode

Ein kurzer Druck (<1Sek.)
aktiviert die Tastenfunktion



Ein langer Druck (>1Sek.)
aktiviert den Moduswechsel



Press for less than 1 second
to activate button function

Press for more than 1 second
to activate mode change