

Showing the TIME/ALARM SETTING display.

Button operation marks

Mode names

Changeover of modes.

Button (A) Changeover of modes.

Button (B) ON/OFF—Engagement/disengagement of the alarm.

Button (C) LIGHT—illuminating the light.

Button (D) LIGHT—illuminating the light.

TIME (TIME/ALARM mode)

DIVE (DIVE mode)

DIVE TABLE (DIVE TABLE mode)

LOG (LOG DATA mode)

Button (C) ON/OFF—Engagement/disengagement of the alarm.

Button (D) LIGHT—illuminating the light.

Button (C) LIGHT—illuminating the light.

Button (D) LIGHT—illuminating the light.

Button (C) DEPTH—Selection of depth.

Button (D) SURFACE—Selection of surface interval time.

Button (C) AVE. DEPTH—Showing the average depth.

Button (D) RECALL—Recall of the log data in memory.

*The mode indicator points to one of the four mode names printed on the case below the display panel to indicate which mode the watch has been set to. The button operation marks printed on the right of the display panel are designed to have the same styles and colors as one of the four mode names in each mode according to the style and color of the marks.

Before diving

Check 1

After surfaced

START

FIRST DIVE

SECOND DIVE

Warning 1

Warning 2

Example of display 1

Example of display 2

No-decompression display

50-20=30 (minutes)

Useful for planning for the next dive.

Useful for filling out your log book.

After diving

1. Rinse the watch in fresh water, and wipe it dry completely.

2. Fill out your log book, using the LOG DATA mode.

3. Do not take an airplane within 12 hours after surfaced.

The watch automatically measures and displays the surface interval time.

1 minute has passed after surfaced.

2 hours and 1 minute have passed after surfaced.

The watch calculates the no-decompression limits for the repetitive dives from the Dive Table as follows.

No-decompression limit corresponding to the depth 20.0m: 50 minutes

Residual nitrogen time corresponding to the surface interval time: 30 minutes

Check that the dive flag is shown.

As you put your watch in water, the following display appears.

The measurement is started as you descend 1.5m underwater.

The depth is displayed in 10cm.

Keep (C) pressed to check the way the communication beep sounds. (The beeping sound may not reach your ears while breathing.)

The watch starts displaying the no-decompression limits when you reach 9.2m deep underwater.

(For safety's sake, no-decompression limit corresponding to the exact or next greater depth in the Dive Table is displayed.)

9.1m ...

10.6m 310'

12.1m 200'

15.2m 100'

18.2m 60'

21.3m 50'

24.3m 40'

27.4m 30'

Current depth: 20.6m

Diving time: 19 minutes

Maximum depth: 24.5m (according to the U.S. Navy's Dive Table)

(Be conservative and avoid staying underwater to the very limit provided.)

20.6m 19'

24.5m 30'

10:10:45

19.7m 6'

20.0m 5'

13:36:52

No-decompression limit corresponding to the depth 20.0m: 50 minutes

Residual nitrogen time corresponding to the surface interval time: 30 minutes

18.5m 15'

20.0m 5'

13:36:52

If you stay underwater beyond the no-decompression limits, a warning signal will be given. (Always be conservative.)

If the rate of ascent exceeds 18m/minute, a warning sound beeps for 10 seconds with flashing "SLOW" shown on the display. Ascend slowly checking the display.

SEIKO

セイコースポーツ

スキューバマスター

取扱説明書 INSTRUCTION

M725 • M726

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EXAMPLE OF USE IN DIVE MODE

EXAMPLE OF USE IN LOG DATA MODE

DEFINITIONS OF TERMS

REMARKS FOR THE TERMS

SPECIFICATIONS

BEFORE THE FIRST DIVE

With each press of (C), depth and corresponding no-decompression limits included in the U.S. Navy's Dive Table are shown in order. (Use the function to check your diving plan.)

9.1m ...

10.6m 310'

12.1m 200'

15.2m 100'

18.2m 60'

21.3m 50'

24.3m 40'

27.4m 30'

DURING SURFACE INTERVAL

Select the planned maximum depth.

Select the planned surface interval time.

[Example of display]

Depth: Up to 21.3m

Surface interval time: from 1 hour and 42 minutes to 2 hours 24 minutes

No-decompression limit: 24 minutes

When the watch is set to the DIVE TABLE mode after a dive, no-decompression limit corresponding to the surface interval time the diver actually spent will be displayed.

No-decompression limits for repetitive dives are obtained by subtracting the residual nitrogen time from the maximum no-decompression limit for a single dive.

MAXIMUM DEPTH

1.5m

10 minutes

DEPTH

Time submerged

Time ascended

Month

Date

Number of dives on that day

Average depth

Recall of the log data in memory

Details of up to 30 dives can be stored.

The level of residual nitrogen in the body is high, and the mode cannot be changed over to another, for safety's sake.

If you start a new dive during this period, the diving time of the previous dive is added to that of the new one.

Depth

Surface INTERVAL TIME

DIVING TIME

Lapse of time

| | |
|------------------------|---|
| Depth | The watch starts measuring the depth when the diver descends more than 1.5m underwater. Before that, "0.0m (0ft)" is displayed. It measures the depth of water in 0.1m (1ft) up to 80.0m (260ft) on the basis of seawater having a specific gravity of 1.025. The unit of depth can be selected from meters and feet. |
| Diving time | The time period starting from when the diver descends more than 1.5m underwater up to the time the diver ascends to less than 1.5m. The watch starts measuring the diving time when the diver descends more than 1.5m underwater. It measures and displays the diving time up to 399 minutes in minutes with 1-second readout for the first 10 minutes. After 399 minutes, it continues counting from "0" seconds. If a new dive is started while the surface interval time is less than 10 minutes, the two dives are considered inseparable, and the diving time of the previous dive is added to that of the new one. |
| Surface interval time | The watch measures the time the diver spends less than 1.5m underwater or on the surface. It measures the surface interval time up to 12 hours. |
| No-decompression limit | The maximum time for which you can stay at a depth safely without requiring decompression procedure. The watch automatically calculates and displays the no-decompression limits according to the U.S. Navy's Dive Table. Before a repetitive dive, it automatically determines the repetitive group in the Dive Table from diving data obtained in the previous dive(s), and displays the no-decompression limits. If the diver stays underwater beyond the no-decompression limits, a warning sound beeps with flashing "DECO" shown on the display. *The maximum time for which you can safely stay underwater varies depending on such factors as the manner of diving, individual diving ability and physical constitution and condition. Therefore, be sure to abide by the rules of sports diving (no-decompression diving), and never stay underwater beyond the no-decompression limits. |
| Rate of ascent | Speed of ascending. If the diver ascends in water at the rate of more than 18m/minute, a warning sound beeps and flashing "SLOW" is displayed. |
| Decompression diving | The watch is designed only for no-decompression diving, and no data of decompression table will be displayed. |
| Dive table | The watch displays the data of the dive table included in the U.S. Navy Diving Manual of 1985. It converts and displays the depths in feet in the table into those meters. For repetitive dives, on the basis of the diving data of the previous dives, the watch calculates and displays the no-decompression limits corresponding to the combinations of depths and surface interval times. |
| Warning against flying | The watch displays a warning sign ("DON'T FLY") while the surface interval time is less than 12 hours. While the sign is displayed, flying by airplane should be avoided. |
| Time submerged | The time when the diver descends more than 1.5m. |
| Time ascended | The time when the diver has ascended to less than 1.5m underwater. |
| Average depth | The watch measures the depth and diving time and calculates the average depth of a particular dive. |

- Frequency of crystal oscillator32,768 Hz (Hz = Hertz=Cycles per second)
 - Loss/gainLoss/gain in normal temperatures of between 5°C and 35°C
Monthly rate: less than ±15 seconds
 - Operational temperature rangeTiming function: -10°C ~ +60°C
Water depth measurement function: 0°C ~ +40°C
Display function: 0°C ~ +60°C
Alarm sound function: 0°C ~ +60°C
Illuminating function: 0°C ~ +60°C
 - Display system
TIME mode: Current time (hour, minutes and seconds), calendar (month and date), day of the week and alarm time (hour and minutes).
DIVE mode: Current time (hour, minutes and seconds), current depth, maximum depth, diving time, no-decompression limit and surface interval time.
DIVE TABLE mode: Depth, no-decompression limit, surface interval time and number of the dives.
LOG DATA mode: Month and date of dive, time submerged (hour and minutes), time ascended (hour and minutes), number of the dives of the day, maximum depth, diving time and average depth.
*For 12 hours after a dive is over, "DON'T FLY" is displayed in all the modes, indicating that you must not take an airplane.
 - Display mediumNeumatic Liquid Crystal, FEM (Field Effect Mode)
 - Depth measurement
Sensor: Semiconductor sensor
Accuracy of Cal.M725: Within ± [1.5% of the displayed value +0.5m (2ft)] at a stable temperature
Accuracy of Cal.M726: Within ± [3% of the displayed value +0.5m (2ft)] at a stable temperature
Measurement error by temperature change: Less than 1m (3ft)/20
Measurement range: 1.5m ~ 99.9m (5ft ~ 299ft)
 - BatteryLithium battery SB-T14, 1 piece
 - Battery life indicator
 - Battery lifeApproximately three years
 - IC (Integrated Circuit)C-MOS-LSI, 2 pieces
- *The specifications are subject to change without prior notice, for product improvement.

LIQUID CRYSTAL PANEL

After about 7 years of use digital display panel will decrease in contrast, becoming difficult to read. Have the panel replaced with a new one by the retailer from whom your watch was purchased or a SEIKO DEALER.

CARE OF YOUR WATCH

TROUBLE SHOOTING

REMARKS ON AFTER-SALES SERVICING

REMARKS ON REPLACEMENT PARTS

CAUTION

CARE OF YOUR WATCH

- After using the watch in seawater, for example in diving, rinse it in fresh water and wipe it thoroughly dry. Do not use chemicals to wash the watch.
- The case and bracelet touch the skin directly just as underwear. If they are left dirty, the edge of a sleeve may be stained with rust of those who have a delicate skin may have a rash.
- After removing the watch from your wrist, wipe perspiration or moisture with a soft cloth. This will prevent the watch from being soiled, adding to the life of the gasket.
- SOFT PLASTIC BRACELET
- The bracelet made of soft plastics does not require special care. If it gets dirty, however, it may cause trouble to the skin. Rinse it with soapy water from time to time. Since it is a chemical product, it may deteriorate by the use of solvents. The band will become hardened or discolored after several years of use. In that case, replace it with a new one.
- RASH AND ALLERGY
- Adjust the bracelet or band so that there will be a little clearance between the bracelet or band and your wrist to avoid accumulation of perspiration.
- If you are constitutionally predisposed to rash, the band may cause you to develop a rash or an itch depending on your physical condition.
- The possible causes of the rash are as follows:
 - Allergy to metals or leathers
 - Rust, dust or perspiration on the watch or band
 - If you develop any skin reactions, take off the watch and consult a doctor immediately.
- NOTE ON STATIC ELECTRICITY
- The IC (Integrated Circuit) used in your watch will be affected by static electricity which may disturb the display. Keep your watch away from close contact with objects such as TV screens which emit strong static electricity.

NOTE ON MAGNETISM

- The time accuracy of your watch will not be affected by magnetism. Please note, however, the pressure sensor will be temporarily affected by strong magnetism.
- PLACES TO KEEP YOUR WATCH
- If the watch is left in a temperature below -10°C or above +60°C for a long time, it may function improperly or stop operating.
- Do not leave the watch in a place where it is subjected to strong magnetism or static electricity.
- Do not leave the watch where there is strong vibration.
- Do not leave the watch in a dusty place.
- Do not expose the watch to gases of chemicals. (Ex.: Organic solvents such as benzene and thinner, gasoline, nail polish, cosmetic spray, detergent, adhesives, mercury, and iodine antiseptic solution.)
- Do not leave the watch in a hot spring, or do not keep it in a drawer having insecticides inside.
- PRECAUTIONS ON WEARING YOUR WATCH
- Take utmost care in the following cases:
 - When clasping and unclasping the band, you may damage your nail, depending on the type of clasped with the band.
 - In case you tumble and fall or bump into others with the watch worn on your wrist you may be injured by the reason of the fact that you wear the watch.
 - When you make contact with children, especially with infants, they may get injured or develop a rash caused by allergy.
- PERIODIC CHECK
- It is recommended that the watch be checked once every 2 or 3 years. A periodic check will prevent any damage from insufficient lubrication, entrance of moisture or perspiration, etc. and ensure longer use. To have it checked, take your watch to the retailer from whom the watch was purchased or a SEIKO DEALER. Your watch will be sent to a SEIKO SERVICE CENTER to undergo a thorough checking work is done. Depending on the result of checking, adjustment or repair may be required.
- When replacing parts, please specify that only genuine SEIKO parts be used. If the watch has a urethane band, it will lose its elasticity and become hardened gradually over time. In that case, have it replaced with a new one by the retailer from whom the watch was purchased or a SEIKO DEALER.

| Phenomenon | Possible cause | Solution |
|--|--|--|
| The display remains blank. | The battery has run down. | Immediately have the battery replaced with a new one by the retailer from whom the watch was purchased or a SEIKO DEALER. |
| The watch temporarily gains/loses time. | The watch has been left in extremely low or high temperature. | This condition will be corrected when the watch temperature returns to normal. Set the time again. The watch is so designed that it works with stable accuracy when worn on your wrist at a temperature between 5°C and 35°C. |
| All the segments of the display are flashing. | The battery nears its end. | Do not use the watch for diving. Immediately have the battery replaced with a new one by the retailer from whom the watch was purchased or a SEIKO DEALER. |
| The mode does not change to another. Button (A) does not work. | While the depth measurement is made, or within 10 minutes after you are less than 0.5m underwater, the button does not work. | After the depth measurement is over, and more than 10 minutes after you are less than 1.5m underwater, change the mode. If the mode does not change after the specified period even while you are on the surface, stop the depth measurement, and press buttons (A), (B), (C) and (D) at the same time to return to the TIME mode. |
| The glass is blurred and the blur persists for a long time. | Water got inside the watch due to the deterioration of the gasket, etc. | Contact the retailer from whom the watch was purchased or a SEIKO DEALER. |

REMARKS ON AFTER-SALES SERVICING

- If the watch requires service, take it to the retailer from whom the watch was purchased or a SEIKO DEALER. If the trouble occurs within the guarantee period, submit the certificate of guarantee together with the watch.
- For repair after the guarantee period or for any other information regarding the watch, contact the retailer from whom the watch was purchased or a SEIKO DEALER. The "CUSTOMER SERVICE DEPARTMENT" of SEIKO CORPORATION.
- Guarantee coverage is spelled out in the certificate of guarantee. Please read it carefully and keep the certificate for ready reference.

REMARKS ON REPLACEMENT PARTS

- SEIKO makes it policy to usually keep a stock of spare parts for its watches for 7 years. In principle, your watch can be reconditioned within this period if used normally. (Replacement parts are those which are essential to maintaining the functional integrity of the watch.)
- The number of years that a watch is considered repairable may vary greatly depending on the conditions under which it was used, and normal accuracy may not be achieved in some cases. We recommend, therefore, that you consult the retailer from whom the watch was purchased or a SEIKO DEALER when having them repair your watch.
- The case, dial, hands, glass and bracelet, or parts there of may be replaced with substitutes if the originals are not available.

■ボタン操作マークの読みかた

SEIKO dive watch diagram with button callouts (A, B, C, D, E) and mode selection instructions for TIME, DIVE, D.TABIE, and LOG modes.

■さあ、実際に潜ってみましょう

Dive profile diagram showing 'First Dive' and 'Second Dive' with various check points (チェック1, チェック2) and safety warnings.

■ダイブテーブルの使用例

Dive table usage example showing a depth profile and corresponding table lookups for maximum depth and bottom time.

■ログデータリコールモードの使用例

Log data recall mode example showing a watch display with callouts for '潜水開始時刻' (start time), '最大深度' (max depth), and '浮上時刻' (ascent time).

■用語の定義

Graph defining terms like '最大深度' (Maximum Depth), '潜水時間' (Dive Time), and '水面休止時間' (Surface Interval Time).

■用語の説明

Table explaining terms: 深度 (Depth), 潜水時間 (Dive Time), 水面休止時間 (Surface Interval Time), 無減圧限界時間 (No-Decompression Limit Time), 浮上速度 (Ascent Rate).

■液晶パネルの交換について

Text and table regarding LCD panel replacement, including a table for '減圧潜水について' (About Decompression Diving) and 'ダイブテーブル' (Dive Table).

■使用上のご注意とお手入れ方法

Usage notes and maintenance instructions, including sections for '日常のお手入れ' (Daily Maintenance), 'かぶれやアレルギーについて' (About Irritation and Allergies), and '静電気について' (About Static Electricity).

■こんな時には

Troubleshooting section with a table listing symptoms (e.g., '表示が消えている'), causes (e.g., '電池寿命切れ'), and solutions (e.g., '電池交換').

■製品の仕様

Product specifications table listing features like '水晶振動数' (Crystal Frequency), '携帯精度' (Portability Accuracy), and '動作温度範囲' (Operating Temperature Range).

■アフターサービスに関する事項

After-sales service information including '修理可能な期間' (Repairable Period) and '修理可能な部品' (Repairable Parts).

■補修用性能部品について

Information about repairable performance parts, including a table for '主な表示内容' (Main Display Content) and '使用電池' (Used Battery).