Resin for strength and lightness.
Metal for strength and beauty.
The “third material” merges the lightness of resin with strength surpassing metal to revolutionize shock resistance.
CARBON G-SHOCK LINE UP 2019

6 BENEFITS OF CARBON

01 Hard
   Inelastic rate: 7 times iron

02 Strong
   Tensile strength: 10 times iron

03 Light
   Weight: 1/4 of iron

04 Strong Against Thermal Change
   Withstands temperature fluctuations

05 Strong Against Time
   Durable against aging

06 Strong Against Deformation
   High dimensional stability
**GG-B100**

**TECHNOLOGY & DESIGN**

**SPECIFICATIONS**

- Mud-resistant
- Digital compass
- Altimeter
- Barometer
- Thermometer
- Sunrise/sunset time display
- Step counter
- World time
- 1/100-second stopwatch
- Daily alarm
- Auto double LED lights (Super Illuminator)
- 20-bar water resistance

**CARBON CORE GUARD**

**Super Illuminator (high brightness LED)**
Carbon fiber inserted bezel
A triple layered structure with a carbon fiber sheet inserted between fine resin.
Carbon fiber case back
Mud-resistant structure / case dust and mud resistant case
Highly airtight carbon case and filter protects against intrusion of mud.
Carbon Core Guard structure
This new shock resistant structure protects modules with a carbon fiber reinforced resin case.
Shock resistant button
A cleaner design that removes the button guard was achieved through improved case strength and the newly developed structure.

New developments in carbon materials fuel the quest for ever-increasing toughness, functionality and wearability under the harshest conditions.

Built-in sensors and smartphone connectivity boost confidence in decisions made under pressure.

- Mission Log function
  - The altitude measured by the watch and the course obtained from a smartphone’s GPS are automatically recorded to an app. An altitude point can be manually acquired and plotted on the map.
- Location Indicator
  - Record your current location in an app. Display shows your recorded destination by the second hand, and the distance on the LCD.
- Calorie calculator
- Mode/display switching customization
- Automatic time adjustment*
- World time for over 300 cities*
- Phone Finder

*Updating of internal data according to the latest time zone and daylight saving time information

**Smartphone Link App**

**G-SHOCK Connected (smartphone app)**

**Note:** Bluetooth® is a registered trademark or trademark of Bluetooth SIG, Inc.
MORE STRENGTH. MORE STYLE.

Suiting more strength by incorporating new materials, structure, and design ideas. More style can be expressed with interchangeable bands.

CARBON CORE GUARD

Gaining more strength by incorporating new materials, structures, and design ideas. More style can be expressed with interchangeable bands.

MORE STRENGTH. MORE STYLE.

Gaining more strength by incorporating new materials, structures, and design ideas. More style can be expressed with interchangeable bands.

CARBON CORE GUARD

This new shock resistant structure protects modules with a carbon fiber reinforced resin case.

Shock resistant button

A cleaner design that removes the button guard was achieved through improved case strength and the newly developed structure.

Interchangeable Band (GA-2000E)

2 interchangeable bands included.

Tekkou dial

Large front button

Super Illuminator (high brightness LED)

Hand retraction function

When the hour or minute hand overlaps the LCD, it is temporarily retracted to ensure visibility of the date.

Dual-layered case back

Stainless steel panel back that keeps the watch airtight, as well as a fine resin glass fiber case back that makes it tough against shocks.

Slide lever bi-color molded band

The bi-color molded band can be replaced easily by operating a lever at its base.

Hand retraction function

When the hour or minute hand overlaps the LCD, it is temporarily retracted to ensure visibility of the date.

Slide lever bi-color molded band

The bi-color molded band can be replaced easily by operating a lever at its base.

Dual-layered case back

Stainless steel panel back that keeps the watch airtight, as well as a fine resin glass fiber case back that makes it tough against shocks.

Hand retraction function

When the hour or minute hand overlaps the LCD, it is temporarily retracted to ensure visibility of the date.

Tekkou dial

Large front button

Super Illuminator (high brightness LED)

Hand retraction function

When the hour or minute hand overlaps the LCD, it is temporarily retracted to ensure visibility of the date.

Dual-layered case back

Stainless steel panel back that keeps the watch airtight, as well as a fine resin glass fiber case back that makes it tough against shocks.

Tekkou dial

Large front button

Super Illuminator (high brightness LED)

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Stainless steel panel back that keeps the watch airtight, as well as a fine resin glass fiber case back that makes it tough against shocks.

Tekkou dial

Large front button

Super Illuminator (high brightness LED)

Hand retraction function

When the hour or minute hand overlaps the LCD, it is temporarily retracted to ensure visibility of the date.

Dual-layered case back

Stainless steel panel back that keeps the watch airtight, as well as a fine resin glass fiber case back that makes it tough against shocks.
CARBON CORE GUARD

Featuring strong, lightweight carbon materials and a newly developed carbon monocoque case, this lightest GRAVITYMASTER delivers the shock resistance of a pilot watch at a mere 72 grams.

The strength and lightness demanded by pilots.

The Carbon Core Guard structure

This new shock resistant structure protects modules with a carbon fiber reinforced resin case.

Shock resistant

The shock-resistant structure is designed to absorb shocks and prevent module damage.

A cleaner design that removes the button guard was achieved through improved case strength and the newly developed structure.

GWR-B1000

G-SHOCK Connected

G-SHOCK Connected is a smartphone app that allows you to connect your watch to your smartphone. You can sync your watch's data, send messages, and other functions.

TECHNOLOGY & DESIGN

Triple G Resist

Shock, centrifugal force, and vibration-resistant structure.

Carbon monocoque case

This new shock resistant structure protects modules with a carbon fiber reinforced resin case.

In-dial solar panel

Super Illuminator (high brightness LED)

Non-reflective coating sapphire crystal

Carbon fiber insert band

Intricately laminated bezel with 52 layers of carbon sheeting

GWR-B1000-1A1

- Flight Log function
  Record time and position in an app by operating the buttons on the watch. View a graphical display of movement history on a map.

- Automatic time adjustment

- World time for over 300 cities

- Phone Finder

Note: Bluetooth® is a registered trademark or trademark of Bluetooth SIG, Inc.

* Constructed with Toray’s TORAYCA® carbon fiber.

* Image shows GPW-2000-1A.

Note: HondaJet Elite pictured. Photograph courtesy of the Honda Aircraft Company © 2019
FUSING CARBON AND METAL FOR A REFINED TOUGHNESS.

High-strength carbon materials enable a bigger face in a more compact case. The carbonated metal bezel adds a refined touch.

**Super Illuminator (high brightness LED)**

**Full-dot STN LCD**

**Comfortable size**

**More compact than the previous G-STEEL, but with a 2.44 mm longer dial diameter.**

**Tough Solar**

- World time
- 1/1000-second stopwatch (first hour), 1/10-second stopwatch (after first hour)
- Daily alarm
- Full-auto double LED lights (Super Illuminator)
- 20-bar water resistance

**SPECIFICATIONS**

- Alarm setting
  - Up to 5 alarms (date and time) that can be named.
- Automatic time adjustment*
- World time for over 300 cities*
- Phone Finder
  - Updating of internal data according to the latest time zone and daylight saving time information

**G-SHOCK Connected**

- Smartphone Link App
- G-SHOCK Connected
  - Smartphone app

- GST-B200

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| SPECIFICATIONS |

**GG-B100**
- Shock resistant
- Mud resistant
- Smartphone link functions: automatic time adjustment, easy watch setting
- World time for over 300 cities, home front/back time setting, alarm setting
- Flight Log function
- Auto hand home position correction
- Auto hand home position correction
- Auto hand home position correction
- Auto hand home position correction
- LCD illuminator
- 20-bar water resistance

**GA-2000**
- Shock resistant
- Mud resistant
- Smartphone link functions: automatic time adjustment, easy watch setting
- World time for over 300 cities, home front/back time setting, alarm setting
- Flight Log function
- Auto hand home position correction
- Auto hand home position correction
- Auto hand home position correction
- Auto hand home position correction
- LCD illuminator
- 20-bar water resistance

**GWR-Master**
- Shock resistant
- Mud resistant
- Smartphone link functions: automatic time adjustment, easy watch setting
- World time for over 300 cities, home front/back time setting, alarm setting
- Flight Log function
- Auto hand home position correction
- Auto hand home position correction
- Auto hand home position correction
- Auto hand home position correction
- LCD illuminator
- 20-bar water resistance

**GST-Steel**
- Shock resistant
- Mud resistant
- Smartphone link functions: automatic time adjustment, easy watch setting
- World time for over 300 cities, home front/back time setting, alarm setting
- Flight Log function
- Auto hand home position correction
- Auto hand home position correction
- Auto hand home position correction
- Auto hand home position correction
- LCD illuminator
- 20-bar water resistance

**GG-B100**
- Shock resistant
- Mud resistant
- Smartphone link functions: automatic time adjustment, easy watch setting
- World time for over 300 cities, home front/back time setting, alarm setting
- Flight Log function
- Auto hand home position correction
- Auto hand home position correction
- Auto hand home position correction
- Auto hand home position correction
- LCD illuminator
- 20-bar water resistance

**GA-2000**
- Shock resistant
- Mud resistant
- Smartphone link functions: automatic time adjustment, easy watch setting
- World time for over 300 cities, home front/back time setting, alarm setting
- Flight Log function
- Auto hand home position correction
- Auto hand home position correction
- Auto hand home position correction
- Auto hand home position correction
- LCD illuminator
- 20-bar water resistance