Automated Mode: **Loop powered by Tidepool**
- When Loop is on, the twiist AID system uses your settings and current CGM glucose as well as your Active Carbohydrates and Active Insulin to make predictions about where your glucose is going in the future and adjusts basal insulin delivery as often as every 5 minutes
- **Glucose Safety Limit**: The twiist AID system will deliver basal and recommended bolus insulin only if your glucose is predicted to be above this limit for the next three hours
  - Range: 67 mg/dL – 110 mg/dL
- **Correction Range**: The range that you want the twiist AID system to aim for when adjusting your basal insulin and recommending boluses
  - Range: 87 mg/dL – 180 mg/dL (Cannot be set below your Glucose Safety Limit)
- **Pre-Meal Range**: The range you want the twiist AID system to target in the time leading up to the first bite of your meal to help reduce post-meal highs
  - Range: 67 mg/dL – 130 mg/dL (Typically lower than your Correction Range)
- **Pre-Meal Preset**: The twiist AID system can lower your correction range before you begin eating so your post-meal glucose spike is reduced
  - Tells twiist AID system to adjust to adjust your basal insulin and lower your correction range to your configured Pre-Meal Range
  - Pre-Meal Preset will stay on for up to one hour, until cancelled or carbs are entered
- **Absorption Time**: You can estimate how many hours you think a food may continue to impact your glucose by selecting a food type emoji or setting the absorption time
  - Fast carb effect (lollipop): 30 minutes; Medium carb effect (taco): 3 hours; Slow carb effect (pizza): 5 hours; Set your own: 30 minutes – 8 hours
  - Twiist allows you to enter one food at a time with different absorption times before delivering a bolus
  - **Active Carbohydrate Chart**: Displays the carbs you entered and how twiist expects them to impact your glucose over time
    - Delete or edit carb entry: when carbs were logged that did not get eaten or entered incorrectly you can delete or edit entries
  - **Glucose Change Chart**: Displays Correction Range, Glucose History, Glucose Predication, and Eventual Glucose
    - **If the absorption entered does not match the predication: adjust the carb value entered, absorption time, ICR or CF**
  - **Active Insulin Chart**: Displays how much insulin has been delivered but has yet to take action within your body
  - **Insulin Delivery Chart**: Displays both basal and bolus delivery history over the last few hours
    - **Event History**: Active Insulin, Total Units (delivered since 12 am), Boluses, Suspended and Resumed Insulin Delivery
- **Workout Range**: Range you want Loop to target before, during or after physical activity to reduce hypoglycemia
  - Range: 87 mg/dL – 250 mg/dL
  - Active Time: 1 hour, 2 hours, or until you turn it off. Should be activated at least 30 – 60 minutes prior to activity

Manual Mode: When Loop is off, basal insulin will be delivered based on your scheduled basal rates
- **Basal Rate**: The twiist AID system allows you to enter Basal Rates in 30-minute increments so you can set up to 48 individual rates per day
  - Range: 0.00 units/hour – 30 units/hour
- **Temporary Basal**: Manual Mode setting used to increase or decrease the current basal rate for a short period to accommodate special situations
  - Duration: 30 minutes to 24 hours in increments of 1 minute. Reverts to scheduled basal profile when temp basal ends.
  - Range: 0% to 200%, Rate adjustment will appear as % or units/hour
- **Extended Bolus**: Manual Mode setting used to deliver a bolus over a period of time, commonly used to cover food that takes longer to digest
  - Duration: 30 minutes to 8 hours
- **Dual Bolus**: Manual Mode setting used to deliver a portion of the meal bolus now and some over an extended period of time
  - Duration: 30 minutes to 8 hours
  - Normal bolus delivered between 5% and 95%

One-Button Bolus: Available to manually deliver a bolus directly from your pump
- Maximum Bolus Delivery Limit is 10 units

Sleep: Before you go to sleep make sure Loop is on. The twiist AID system will work while you sleep to help keep you in your correction range without intervention
- If Loop is off or if trending low or high, you may want to take additional action or monitor glucose more closely

Approved for people with T1D age 6+.