



Actual size  
Less than  
**A3**  
size paper

Short and lightweight  
body that is easy  
to handle

full length size **367** mm

Light weight **3.35** kg

full length size **240** mm

Light weight **2.15** kg



**Cordless Rotary Hammer EY1HD1**



EY9X403

Specifications

Chuck	SDS-Plus Single hand load-quick lock type				
Speed at no load	High Mode : 0-950 min <sup>-1</sup> , Low Mode : 0-700 min <sup>-1</sup>				
Blows per minute	High Mode : 0-4,200 bpm, Low Mode : 0-3,100 bpm				
Dimensions & weight	with battery pack and DCS	18V/5.0Ah(EY9L54)	L 367 x H 278 x D 86 mm / 3.35kg		
	with battery pack, without DCS	18V/5.0Ah(EY9L54)	L 242 x H 278 x D 80 mm / 2.4kg		
		18V/3.0Ah(EY9L53)	L 240 x H 263 x D 80 mm / 2.15kg		
Vibration	Three-axis composite value : Main grip 13.6m/s <sup>2</sup> , Side handle 16.3m/s <sup>2</sup> [according to EN60745-2-6]				
Joule (approx.)	High Mode : 2.1J, Low Mode : 1.3 J				
Capacity (approx. with full charge)	Concrete 24M/cm <sup>2</sup>	Hammer	Low without DCS (ø3.5mm x 30mm)	18V 5.0Ah	18V 3.0Ah
			High with DCS (ø8.5mm x 30mm)	510 holes	310 holes
			High with DCS (ø10.5mm x 40mm)	150 holes	90 holes
			High with DCS (ø12.5mm x 40mm)	110 holes	65 holes
			High with DCS (ø16.5mm x 40mm)	65 holes	40 holes
	Drill	High without DCS, Deck plate 1.6mm (ø12.5mm x t=40mm)	40 holes	25 holes	
		High without DCS, Wood screws in Yellow pine (ø18mm x 120mm)	160 holes	100 holes	
		High without DCS, Metal hole saw in SPC (ø21mm x t=1.6mm)	140 holes	90 holes	
		High without DCS, Core hole saw in Siding panel + Plywood (ø80mm x 1.6mm + 12mm)	25 holes	16 holes	

**Intelligent Power Tool Evolution TOUGH IP**

Superior durability engineering by Panasonic reduces potential damage from exposure to water or dust.

\*Does not act as a guarantee that exposure to water or dust does not affect tool performance.

Dust collection system (DCS) specification

Applicable drill bit size	Dia.: ø5-18mm Overall length: 116-166mm	
Drilling distance adjustment	Overall stroke : 70mm	
Suction power	approx. 250 L / min.	
Dust box capacity	approx. 200ml	
Dust filter	HEPA dust filter	
Filter life	approx. 100 dust box fills	
Dimensions & weight	L 294 x H 243 x D 86 mm / 0.96kg	

Accessories for use with EY1HD1 Tool Body

	Model#	
Li-ion Battery universal charger	EY0L82	
Battery pack 18V	5.0Ah (LJ type)	EY9L54
	3.0Ah (PN type)	EY9L53
Dust collection system (DCS)	EY9X403	
Dust collection cup	EY9X018	
Spirit level attachment	EY9X401	
Dust filter box block	WEY1HD1K3037	
HEPA Dust filter	WEY1HD1L0247	
Tool case	TOOLBOX4-IN	



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**Panasonic**

Cordless Rotary Hammer  
**EY1HD1**

**HIGH  
2.1J  
POWER**



**Powerful, fast drilling**  
In a compact, lightweight body with advanced dust control

# Single handed drilling with 2.1 Joules power in T-handle body design



## Powerful dust collection system with independent motor for maximum efficiency

- HEPA filter
- Transparent dust window
- Drilling depth adjustment
- Run on timer



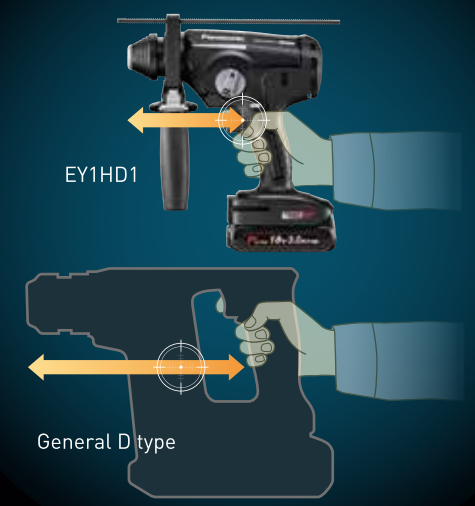
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Powerful striking mechanism with extended stroke length

High density brushless motor with full time rotation control circuit

Concrete dust protection design for switch and mechanical parts

Shorter body length and central handle give a reduced centre of gravity meaning that the balance and handling are superb in class.

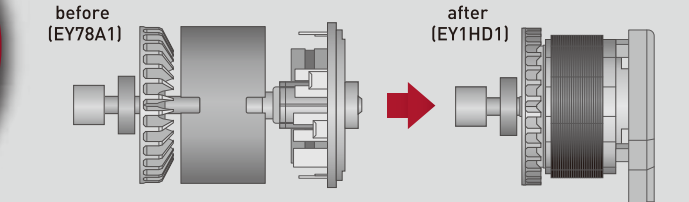


## New Technology

### New component technology allows lightweight, compact body

#### High density powerful brushless motor

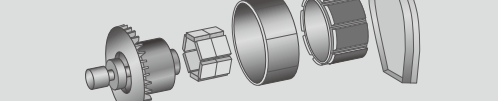
The new unique mechanism makes it approximately 25% smaller than the conventional EY78A1. Strong magnetic force by high density increased torque and speed enabled compact yet powerful work.



To ensure strong performance even when using larger diameter bits, the motor uses special electronic to stabilize its speed even under high load.

#### Increased durability

The new brushless motor has about twice the motor life compared to the conventional EY78A1.



To protect the internal components against the ingress of dust, the drive and hammer systems are sealed by a special gasket. The switch trigger is also sealed by a rubber cover to protect the sensitive electronics behind it.

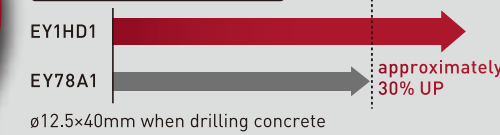
## Advanced Performance

### Faster and more drilling from large to small tasks

#### Expansion of work range

	EY78A1	EY1HD1
Siding wall	N/A	~ø80mm
Concrete	ø3.2~16.5mm	ø3.2~18mm

#### Increased drilling speed



#### Increased workload



With temperature sensor to protect battery and motor from high temperatures



Low speed mode to reduce risk of breaking small diameter bits



## More Convenience



Equipped with LED lights to make life easier when working in shaded and darker areas.



Equipped with a retractable hanging hook for safe storage when working on ladders or generally at height.



The depth gauge features a quick release button for improved ease of use.



Optional dust collection cup to contain falling particles when drilling.



Optional horizontal levelling aid can be mounted on depth gauge to aid accurate vertical or horizontal drilling.



Dust case with large aperture and HEPA filter for easy removal and attachment.